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Y3.N88:34/5-2

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[Vol. 5, No. 2]

NUREG-0390
~~Vol. 6, No. 1~~
January 20, 1982

TOPICAL REPORT REVIEW STATUS

UNITED STATES NUCLEAR REGULATOY COMMISSION

ORIGINAL

Available from

NRC/GPO Sales Program

Superintendent of Documents
Government Printing Office
Washington, D. C. 20402

A year's subscription consists of 2 issues for
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Single copies of this publication
are available from National Technical
Information Service, Springfield, VA 22161

Microfiche of single copies are
available from NRC/GPO Sales Program
Washington, D. C. 20555

NUREG-0390
Vol. 6, No. 1
January 20, 1982

TOPICAL REPORT REVIEW STATUS

Manuscript Completed: January 1982
Date Published: January 1982

Prepared for: OFFICE OF NUCLEAR REACTOR REGULATION

Prepared by: OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

NOTICE

THE TOPICAL REPORT REVIEW STATUS WILL BE DISTRIBUTED TO COGNIZANT NRC STAFF MEMBERS AND TO INDUSTRIAL ORGANIZATIONS PARTICIPATING IN THE TOPICAL REPORT PROGRAM. COPIES WILL BE PLACED IN THE NRC PUBLIC DOCUMENT ROOM FOR REFERENCE AND COPYING.

IN ORDER TO BE ADDED TO THE DISTRIBUTION LIST IN THE FUTURE, NRC EMPLOYEES SHOULD CALL S. DISILVESTRE ON X-27914. NON-NRC REQUESTORS SEE INSIDE FRONT COVER.

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CAVEAT

A Topical Report Review Status is scheduled to be published semi-annually. The primary purpose of this document is to provide periodic progress reports of on-going topical report reviews, to identify those topical reports for which the Nuclear Regulatory Commission (NRC) staff review has been completed and, to the extent practicable, to provide NRC management with sufficient information regarding the conduct of the topical report program to permit taking whatever actions deemed necessary or appropriate. This document is also intended to be a source of information to NRC Licensing Project Managers and other NRC personnel regarding the status of topical reports which may be referenced in applications for which they have responsibility.

This status report is published primarily for internal NRC use in managing the topical report program, but is also used by NRC to advise the industry of report review status.

The NRC would appreciate receiving comments as to any apparent errors of fact or omission. These comments should be directed to the appropriate NRC Program Manager.

NUCLEAR REGULATORY COMMISSION LICENSING TOPICAL REPORT PROGRAM

1. Purpose

The purpose of the Nuclear Regulatory Commission (NRC) Licensing Topical Report Program is to provide a procedure whereby industry organizations may, upon their own volition or at the request of the NRC staff, submit reports on specific safety related subjects to the NRC and have them reviewed independently of any construction permit or operating license review. The benefits resulting from this program are a minimization of time and effort required of both industry and the NRC on subjects repeated in numerous licensing actions. The safety related subject addressed in a topical report should be applicable to a number of facilities licensed for operation or construction, or to a number of current or anticipated applications for construction permits or standardized reference design approvals.

2. NRC Program Managers

A Nuclear Regulatory Commission Program Manager (PM) has been or will be assigned for each industry organization which has a topical report program acceptable to the NRC. In addition, the NRC has assigned a PM specifically for quality assurance of topical reports. The assigned PM is responsible for accepting or rejecting specific topical reports submitted to the NRC for review. When a report is accepted for review, the PM is responsible for directing and monitoring the staff review and for all liaison and correspondence between the NRC staff and the industry organization. A current listing of NRC Program Managers is given in the TABLE OF CONTENTS (Section II).

3. Procedures for Accepting New Topical Reports for Review

No new report submitted by any organization is to be accepted as a topical report unless the PM determines that it qualifies as such. In making such a determination all four of the following criteria should be met:

(1) The report deals with a specific subject regarding a nuclear power plant that requires a safety assessment by the NRC staff, such as component design, analytical models or techniques, or performance testing of components and/or systems, which can be evaluated independently of any specific license application;

(2) The report is, or is expected to be, referenced in a number of license or standardized reference design approval applications;

(3) The report contains complete and detailed information on the specific subject presented. Conceptual or incomplete preliminary information will not be reviewed.

(4) NRC approval of the report will result in increased efficiency of the review process for applications which reference the report.

Proposed topical reports addressing a new design or procedure not currently addressed in any license or standardized reference design approval application will require special consideration. In support of such a topical report the sponsoring organization must provide documentation from at least two potential applicants of their intent to reference a proposed topical report. This is required to demonstrate the intention of applicants to use the NRC staff review prior to the commitment of resources to perform the review. It is not the intent of the Topical Report Program to provide engineering evaluations of feasibility, economics, or desirability of material submitted, which could directly or indirectly be used in sales promotion efforts.

Exceptions to these acceptance requirements may be permissible. These exceptions must be based on a staff decision that the evaluation of a proposed topical report is in the public interest. This would encompass a consideration of whether the evaluation would contribute to the formation of a broader base for resolution of a present or developing safety related subject generally evidenced by the experience from operating nuclear power plants. As an example, a proposed topical report on a new pump design might be accepted for review, if experience at operating nuclear power plants indicated that currently installed pumps might be expected to infringe on the margins of safety to an unacceptable degree, and the new pump design might reasonably be expected to remedy the developing program.

These exceptions will include a determination that NRC staff resources expended in the review of the topical report will provide a foreseeable benefit equal to or greater than the impact from redirection and reduction of resources committed to other ongoing license actions, topical report reviews, or generic technical issues.

When an industry organization is planning a report which it believes can qualify as a topical report for staff review, it should contact the cognizant Program Manager (PM) well in advance of the planned submittal. The PM will obtain from the organization the scope and content of the report, the licensing reviews affected by the report and the proposed submittal and review schedules. The NRC staff technical specialists responsible for the subject areas addressed in the proposed report will review the proposal and provide comments to the PM. A determination then is made as to whether the report should be accepted as a topical report.

The PM will inform the organization of the results of this determination within 60 days from the date of receipt of information on the proposed report. If the report qualifies as a topical, it may then be formally submitted for review.

A quarterly forecast of all reports planned for submittal will assist in establishing acceptable review schedules. The forecast should include abstracts and note the applications that will be referencing the proposed topical reports.

The NRC staff may also identify the desirability for addressing a safety matter in a topical report. In such a case the PM will contact the industry organization and discuss the desirability of submitting the report. If the organization agrees to prepare such a report, it will formally submit the report for review.

Other types of reports, for example, information reports that provide background information or data tabulations, that do not meet the criteria for topical reports may still be submitted as special reports, but the greatest benefit will be derived from having reports incorporated in the Nuclear Regulatory Commission Topical Report Program and having them referenced in numerous licensing applications.

4. Handling of Company Proprietary Reports

When an industry organization submits a licensing topical report for NRC staff review pursuant to the NRC Topical Report Program and that submitter considers that portions of the submittal contain confidential business (proprietary) information, the submitted reports must include explicit indication of information considered proprietary. This indication may be done by marking (underline and/or marginline) the text and figures within the body of the report, by inclusion of an index to the proprietary material location, or by some other method proposed by the submitting industrial organization and approved by the NRC Project Manager.

Upon submittal of a properly marked proprietary licensing topical report, the NRC staff will send the submittor a letter which receipts the submitted report and describes the conditions under which the NRC will protect this information. Basically, since the material was submitted as a licensing topical report for the staff review was not yet a license docket specific item this material will be treated by NRC as proprietary information within the provision of 10 CFR 9.5(4) "Freedom of Information Act Regulations" with the following exceptions:

(1) Information which is found to be generally available to the public will not be treated as proprietary.

(2) Information which is available to the government or becomes available on an unrestricted basis will thereafter be treated as nonproprietary.

(3) Documentary material requested under the Freedom of Information Act (5 U.S.C. 552) will be reviewed at the time the request is received and a determination made whether such information may be withheld from disclosure. This determination will be made on the basis of additional information which will be required to be furnished to the NRC in support of the (submitter's) proprietary position.

(4) The NRC, under a nondisclosure agreement, may disclose this information to licensees and applicants if such disclosure is necessary to assure that the public health and safety is adequately protected.

If there is a need to consider the public disclosure of the (Submitter's) identified proprietary material, it is our intention that (Submitter) would be notified prior to making a disclosure determination and that such a determination would be made in accordance with the procedures and conditions of 10 CFR 9, Subpart A, Should (Submitter) employ these data as part of any license application or any other action identified in 10 CFR 2.790(a), such data shall be separately submitted and such submittal shall include an application for withholding accompanied by an affidavit meeting the requirements of 10 CFR 2.790(b).

Subsequent submittals, i.e., correspondence, revisions supplements responses to questions etc. in regard to the original licensing topical report submittal shall likewise have specifically indicated as proprietary such information the submitter considers proprietary. This proprietary information will receive the same treatment and protection as the original submittal but the staff will not separately by letter, receipt each subsequent item.

It is important to note that the above procedure completely replaces the previous requirements for submittal of proprietary licensing topical reports to comply with the provisions of 10 CFR 2.790(b) during the review period, particularly with respect to requirements for concurrent submittal of nonproprietary versions. However, the provisions of 10 CFR 2.790(b) are required when the accepted licensing topical report incorporating the acceptance letter and SER is submitted and/or when the licensing topical report is referenced in a docket specific license application.

If the accepted proprietary report should become nonproprietary the submitting industry organization must inform the NRC of the change.

If any questions arise concerning the submittal requirements or protection provisions relevant to proprietary information, contact the Chief, Standardization and Special Projects Branch.

5.0 Procedures for Submittal

Reports submitted under the Nuclear Regulatory Commission's Licensing Topical Report Program must be submitted under a letter of transmittal. The first paragraph of this letter of transmittal must include a statement that the applicant, by name is submitting a licensing topical report under the NRC Topical Report Program for review and acceptance for referencing in licensing actions. This paragraph must specify the report identification symbol (See 5.2 below), the title and issue date.

5.1 Number of Licensing Topical Report Copies Required

Licensing Topical Reports accepted for review may be submitted either in microfiche/hard copy or all hard copy. Submittals shall be in the following quantities with the understanding that additional copies will be made available to the staff upon request.

Report Classification	Hard Copy	Microfiche/Hard Copy
Non Proprietary Reports	35	1/3
Proprietary Reports Prop Version	25	1/3
Non Prop Version	15	1/3

These quantity requirements pertain to all review submittals including initial submittals, amendments, supplements, responses to requests for additional information and NRC accepted versions.

If microfiche is used as a submittal medium it must conform to the following:

1. All source documents will be recorded on microfiche in the NMA Type 1 format (ANSI/NMA MS.5) consisting of 98 frames arranged in 7 rows and 14 columns.
2. The reduction ratio shall be 24:1.
3. The microfiche will be standard 148mm x 105mm.
4. The microfiche must be a silver-halide master copy placed in individual acid free envelopes.
5. Title information must be eye readable and contain at a minimum (1.) report number in upper left hand corner (2.) report title, centered (3.) date, below report number (4.) vendor name, right hand side.
6. Foldouts, if any, must be segmented and filmed in logical order.
7. The first frame shall be blank.
8. The second frame shall contain the resolution target. (NMS 1010A).
9. Any microfiche containing proprietary information will be submitted with the word PROPRIETARY clearly identified in a yellow striped header.
10. Any reports not containing proprietary information will be submitted on microfiche with a clear or unstriped header area.

Any questions on the submittal of microforms to the NRC should be addressed to the NRC Records Management Analyst (Micrographics), Division of Technical Information and Document Control, Washington, D.C. 20555 (301-492-8137).

5.2 Report Identification

Each topical report shall have a unique alpha-numeric identification symbol for filing and reference purposes. Except as follows, these symbols can be specified at the discretion of the submitting organization.

Each organization submitting topical reports should coordinate with the NRC staff to assure that the identification symbol it selects does not conflict with that of another organization or result in confusion with it. All proprietary reports shall include a -P following the identification symbol. Each non-proprietary version of proprietary reports shall have the same identification symbol as the corresponding proprietary report except that it should include an -NP following the identification symbol.

NRC approved versions of topical reports shall include a -A following the identification symbol (-P-A for proprietary reports).

All responses to NRC comments or requests for additional information regarding a specific topical report shall be identified by the symbol for that report followed by Amend. XX where XX is a sequential amendment number beginning with 1 for the first amendment.

5.3 Correspondence

All correspondence regarding topical reports should be addressed to the Chief, Standardization & Special Projects Branch and must specifically identify the appropriate report identification symbol (See 5.2 above).

6. Requests for Additional Information During the Review Cycle

Requests for additional information and/or comments on a topical report under review can be handled either by a meeting or by letter. Written requests to an industry organization for additional information on topical reports will be transmitted by the Chief, Standardization and Special Projects Branch. As the industry organization provides answers to staff comments during the review, the responses shall be submitted as amendments to the original report. Meetings with an industry organization to discuss the contents of a topical report will be scheduled by the PM or the review branch, at the discretion of the PM.

7. Topical Report Evaluation

When a topical report is found to be acceptable for referencing, the extent of and the conditions for acceptance, if any, will be identified in the letter transmitting the results of the evaluation (see 10.2, which follows, for further discussion of this matter). For proprietary reports, the transmittal letter will state that both proprietary and non-proprietary versions must be referenced in future license applications. The staff evaluation and letter of transmittal shall be incorporated in the final acceptance version of the reports when submitted as described in 5.1 above.

8. Public Document Room

All non-proprietary correspondence regarding the review of topical reports, and all non-proprietary topical reports and non-proprietary versions of proprietary reports will be placed in the NRC Public Document Room. Care will be taken by the industry organization and the staff to avoid using any information identified as proprietary by the industry organization in any of the above correspondence and in topical report evaluations. While topical reports are not placed in local PDRs, non-proprietary versions are available upon specific request.

9. Status Reports

Each industry organization submitting topical reports will be periodically advised of the review status of his reports by the appropriate PM. This is normally accomplished by providing the industry organization with a copy of the semi-annual NRC TRR Book but may also be done by other means at the discretion of the PM.

10. Guidance for Industry Organization Who Prepare Topical Reports

Because of the diversity of the subject matter addressed by topical reports, it is not practical to prescribe a standard format for a report as a whole; however, certain minimum requirements should be met.

10.1 Abstract

The report must include an abstract not to exceed one page in length which summarizes the contents of the report and the conclusions reached. (Note: As stated in 5.1 above, for a report approved by the NRC, the staff evaluation letter of NRC approved reports is to be inserted immediately following the title page and thus just in front of the abstract.)

10.2 Introduction

The report should have an introductory section which delineates the purpose of the report and clearly defines its scope and applicability. If there are any limitations or restrictions on the use of the report or its results or conclusions as determined by either the staff or the industry organization, these should also be listed in this section. The purpose of this information is to guide the users of the report.

10.3 References

The report should include a listing of all pertinent references.

10.4 Body of Report

The remaining body of the report may be organized according to the discretion of the industry organization to suit its needs and the subject matter of the report; however, it is recommended that long tabulations of data such as test results, computer program descriptions, detailed technical analyses or derivations and the like be included as appendices when they are included as information supporting statements or conclusions and are not, in themselves, the subject of the report.

10.5 Subject Matter

Diverse or unrelated subjects should be addressed in separate topical reports to the extent practical rather than combined in one report.

11.0 Withdrawal of Topical Reports

With the passage of time, a specific topical report may become obsolete as determined by either the NRC staff or the industry organization because the report does not adequately address the current state of the technology; it is no longer applicable because NRC criteria or regulations have changed; or for other reasons. In this event, the industry organization may on his own initiative request that the report be withdrawn, or the NRC staff may advise the industry organization to do so. On receipt of a letter from an industry organization requesting withdrawal of a specific topical report, the staff will categorize it as "withdrawn" which means that the report subsequently will not be acceptable as a reference in license applications. The report should, in general, be replaced by an updated or new topical report which has a new report identification symbol to avoid confusion with the withdrawn report.

If an ind. org. fails to withdraw an obsolete report, the staff may categorize it as "not acceptable" for reference even though the report may have previously been found to be "acceptable". Withdrawn reports will not be returned to the industry organization.

12.0 Revisions to Topical Reports

After a topical report has been found to be acceptable for referencing, the industry organization might need to revise portions of the report or add supplementary information occasionally to keep it up to date. This is different from the situation discussed in paragraph 11.0 above where the report has become obsolete and must be withdrawn.

A proposed revision to an approved report is submitted and reviewed by the staff in accordance with the same requirements and procedures as apply to a new topical report. The revision will have the same identification as the base report with the suffix "Revision 1 or 2", etc.

When the revised or supplementary material is determined by the staff to be acceptable for referencing the industry organization will submit the required number of complete new reports incorporating the revised or supplementary information. The revised report must contain a note on the cover page stating that it supersedes and replaces all earlier versions of the same numbered report. The superseded reports will not be returned to the industry organization.

13.0 Fees For Topical Report Reviews

In accordance with the revised fee schedule on 10 CFR Part 170, any topical report which was accepted for review by the staff on and after March 23, 1978 will be assessed a review fee. Topical reports fall under the designation of Special Projects and Reviews in the schedule of fees. The fee will be based on actual expenditures for professional manpower and appropriate support services. However, the maximum fee for review of a topical report shall not exceed $20,000. The topical report applicant will be billed at the completion of the staff review, regardless of whether or not the report is found to be acceptable for referencing.

If the topical report is withdrawn before the staff review is completed, a fee will be assessed for actual expenditures to the time of withdrawal. Proposed revisions to approved topical reports which were submitted and accepted for review by the staff on and after March 23, 1978 will be assessed review fees as for a new topical report. The revision will be subject to a fee even though the original report might have been exempt. The maximum fee of $20,000 applies both to withdrawn reports and revisions to approved reports.

GENERAL GUIDANCE FOR SCHEDULING TOPICAL REPORT REVIEWS AND USE OF THE TRR BOOK

This book is used for recording topical report review schedules and for identifying those reports for which the staff review has been completed. The following guidance should be used in order to achieve consistency within this book. The meanings of the various data entries in the computer data bank and in the TRR Book are given in the Definitions.

1. Upon receipt of a topical report and its distribution in accordance with the Nuclear Regulatory Commission Topical Report Program, the NRC Program Manager prepares a Technical Assignment Control Form for its review. The NRR Planning and Program Analysis organization then assigns a TACS number. A copy of the completed form is provided to the Office of Management and Program Analysis. The following information is then entered into the computer data bank:

   Industry Organization
   Report identification symbol
   Title of the report
   Requesting organization
   Requester
   Reviewer(s)
   TACS number
   Report submittal date
   Requesting target data*
   Estimated completion date*

   The remainder of the entries are left blank with the possible exception of REMARKS which can be entered at the discretion of the requester.

   *Note: Because the results of the review may be a request for additional information or an evaluation report and because the staff may not be able to determine which one until the review is well along, these dates should be for the initial milestone and not for the final completion of the NRC review unless sufficient information exists for the staff to make a determination that the review can be completed without formally requesting additional information. The estimated completion date, if different from the requested target date, is provided by the review branch(es).

2. Upon completion of a review milestone either:

   a) a request for additional information is made, or
   b) the staff completes its review and prepares an evaluation report.

   If a request for additional information is made, then this information is provided by the NRC Program Manager to the Office of Management and Program Analysis. The date of this request is entered under Add Info Req Date and the dates under Req Targ Date and Est Comp Date deleted. If the industry organization provides an estimated response date, this information should be entered under Remarks.

   If the staff completes its review and prepares an evaluation report, then the Office of Management and Program Analysis is notified. The appropriate dates are entered under TR Comp Date and Let to Ind. Org. and the acceptability or non-acceptability of the report is recorded.

3. When an industry organization responds to a request for additional information, information, appropriate supplemental information such as Amend 1 should be entered after the title, the date of the supplemental information is entered in remarks and the schedule information is updated if necessary. These dates are then entered into the data bank.

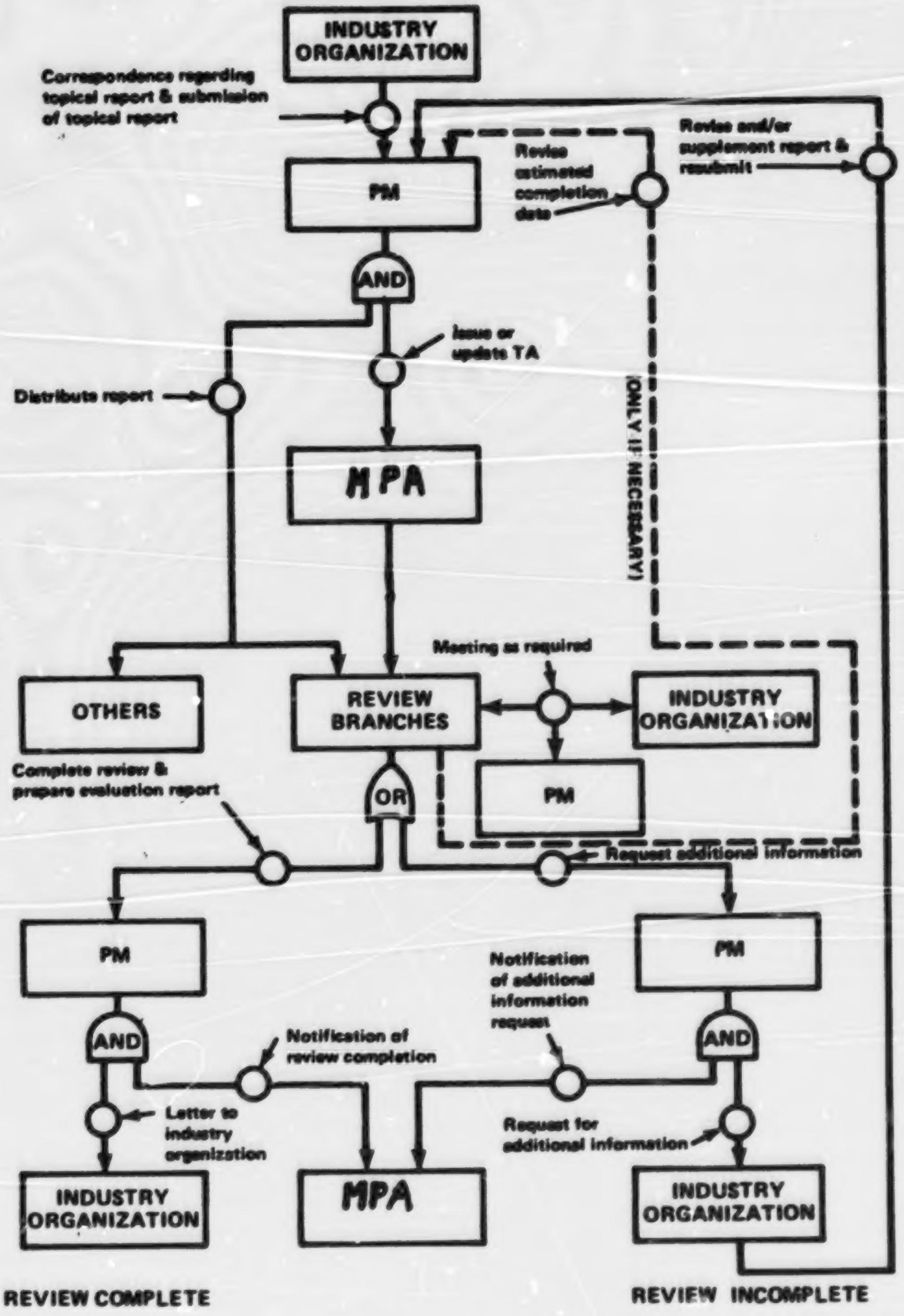
4. The above procedures are repeated until the NRC concludes its review and advises the industry organization of its conclusions. Note that the TACS number remains active until this is done. A graphical illustration of the Topical Report review procedure follows. (Note: the procedure for QA Topical Report Reviews differs somewhat from that in the illustration because these reviews are processed within DPM.)

5. When the Program Manager (PM) determines that the review is completed, the industry organization is advised of the conclusions and that a bill will be sent. The PM then will notify the Chief of the Management Analysis Branch, NRR Planning and Program Analysis staff. The NRR Planning and Program Analysis staff will obtain the total manpower charged to that topical report between the start date and completion date from the Office of Management and Program Analysis. That information, plus any program support funds that were expended in the review of the report, will be provided to the License Fee Management Branch.

   The License Fee Management Branch will compute the total fee and will coordinate with the PM and the NRR Planning and Program Analysis Staff before sending the bill to the industry organization.

XIII

TOPICAL REPORT REVIEW FLOW SHEET


INDUSTRY ORGANIZATION
Correspondence regarding topical report & submission of topical report
PM
Revise estimated completion date
Revise and/or supplement report & resubmit
AND
Issue or update TA
Distribute report
(ONLY IF NECESSARY)
MPA
Meeting as required
OTHERS
REVIEW BRANCHES
INDUSTRY ORGANIZATION
PM
Complete review & prepare evaluation report
OR
Request additional information
PM
PM
Notification of additional information request
AND
AND
Notification of review completion
Letter to industry organization
Request for additional information
INDUSTRY ORGANIZATION
MPA
INDUSTRY ORGANIZATION
REVIEW COMPLETE
REVIEW INCOMPLETE

SYSTEM DEFINITIONS

RI SYM

The alpha-numeric topical report identification symbol is abbreviated as RI SYM. Additional information such as Rev 1 or Amend 5 is not included with this symbol.

The sequence of topical reports for a particular ind. org. in any tabulation of reports is determined by the report identification symbol.

Proprietary and Non-Proprietary Topical Reports

a. Proprietary Reports

All accepted proprietary topical reports must be accompanied by a non-proprietary version, (see section 4 of program description). The report identification symbol for the proprietary version is followed by (P) and that of the non-proprietary version by (NP). The proprietary and the non-proprietary versions are considered as a single topical report. All status entries are those of the proprietary version since the review schedule of this version is controlling. For those reports where the proprietary and the non-proprietary versions have different identification sybmols, the sequence of the report in any tabulation of reports is determined by the proprietary version symbol.

b. Non-Proprietary Reports

Non-proprietary topical reports, by definition, do not have a proprietary version (as distinct from non-proprietary versions of proprietary reports). The notation (NP) therefore is redundant and may not print.

TITLE

The title of a topical report preferably appears as it is designated by the industry organization. If abbreviations are used in order to fit the title and supplementary information within the alloted space (120 characters, including punctuation and spaces), these should be the minimum required to maintain understandability.. No pertinent information should be deleted.

Supplementary Information (Revisions, Amendments, Etc.)

Supplementary information which is necessary to identify a particular document under review or for which the review has been completed is indicated immediately following the topical report title. This information should be abbreviated as Rev 1 (meaning Revision 1), Amend 5 (meaning Amendment 5), etc. For reporting and format consistency, this information is separated from the title of the report by a comma as follows:

-------TITLE-------, Amend 5

REQ ORG

The NRC organization which prepared the TAC for the review of a particular topical report is abbreviated as REQ ORG. It is normally the organization to which the responsible Program Manager is assigned (refer to table of NRC Program Managers).

REQUESTER

The requester is the Program Manager or his designee who is the Project Management cognizant individual for a particular topical report.

REVIEW BRANCH

The review branch or branches are indicated by the initials of the branch name (refer to table of Review Branches). Up to fourteen review branches per topical report can be accommodated.

REVIEWER

A reviewer is the person responsible for performing the review of a topical report or of a portion thereof. Up to fourteen reviews can be accommodated.

TACS NUMBER

This is the assigned technical assignment control number for the topical report review.

SUBMIT DATE

The date of the industry organization's letter submitting the document for review as identified by the title and the supplementary information which follows it is abbreviated as SUBMIT DATE. It is not the date on which the letter was received.

REQ TARG DATE

The date originally agreed to by the requester and the reviewer(s) for completion of the review of the document identified by the title and supplementary information which follows it is abbreviated as REQ TARG DATE. Completion of the review in this case means the attainment of a milestone in the on-going topical report review and may result in either a request for additional information or in final conclusions as to the acceptability of the report for reference.

EST COMP DATE

The reviewer's estimate as to when the review of a particular document will be completed (see definition for completion of the review under REQ TARG DATE) is abbreviated as EST COMP DATE. The estimated completion date is initially the same as the requested target date but may be changed for good and sufficient reasons after the review of a particular document is under way and the review branch finds that the requested target date cannot be met.

ADD INFO REQ DATE

The date on which additional information is requested of the industry organization is abbreviated as ADD INFO REQ DATE. This is either the date of an NRC letter requesting such additional information or the date of a meeting at which the request is made orally to the industry organization. In the latter case, the requests and/or understandings reached at the meeting are documented in the minutes of the meeting.

REV COMP DATE

The date on which the final technical review of a particular topical report is completed and an evaluation report forwarded to the appropriate NRC Program Manager is abbreviated as REV COMP DATE. The evaluation report must be acceptable for transmission as such to the industry organization and must include a conclusion of acceptability or non-acceptability of the report for reference and, when appropriate, the acceptability of a non-proprietary version of the report. A request for additional information is not a technical review completion date.

LET TO IND ORG

The date of the NRC letter to the industry organization advising him of the transmitting the staff's evaluation report (thus concluding the NRC review) is abbreviated as LET TO IND ORG. It is not the date of a request for additional information.

REMARKS

Pertinent remarks pertaining to the topical report or its review are entered at the discretion of the requester (space limit 120 characters).

TOPICAL REPORT CATEGORIES

In Section I of the TRR Book, topical reports for which the staff review has been completed are categorized as either NOT ACCEPTABLE, ACCEPTABLE, or WITHDRAWN. These correspond to the respective terms used in the column labeled STAFF CONCLUSIONS in Section II of the TRR Book.

NOT ACCEPTABLE (NOT ACCEPTED) means that the topical report has been reviewed by the staff and has been found not to be acceptable for reference.

ACCEPTABLE (ACCEPTED) means that the topical report has been reviewed by the staff and has been found to be acceptable for reference. The staff does not intend to repeat its review of the report when it appears as a reference in a particular license application.

WITHDRAWN means that the industry organization has requested that the topical report be withdrawn from further consideration by the staff. If the staff has not completed its review at the time of the request, the review will be terminated. If a topical report becomes obsolete after a period of time following staff acceptance of the report, it should also be withdrawn by the industry organization and recategorized from ACCEPTABLE (ACCEPTED) to WITHDRAWN. Withdrawn reports in the latter case may remain as acceptable references in previous license applications but are not acceptable for future applications.

SECTION I

SUMMARY STATUS OF TOPICAL REPORTS BY IND. ORG.

SUMMARY STATUS OF TOPICAL REPORTS BY VENDOR
(TOTAL REVIEWS)

VENDOR	TOTAL REPORTS SUBMITTED	UNDER REVIEW		REVIEW COMPLETED		
		ACTIVE	AWAIT.INFO.	NOT ACCEPTABLE	ACCEPTABLE	WITHDRAWN
ACS INDUSTRIES INC.	1	0	0	0	1	0
AEROJET	2	0	1	0	1	0
AIR PRODUCTS & CHEMICALS	1	0	0	1	0	0
ALLIS-CHALMERS POWER SYSTEMS	2	2	0	0	0	0
AMERICAN AIR FILTER	2	0	0	0	2	0
AMERICAN INSTITUTE FOR STEEL CONSTR	1	0	0	0	1	0
ANACONDA COMPANY	1	0	0	0	1	0
ARKANSAS POWER	1	0	0	0	1	0
ATCOR ENGINEERED SYSTEMS INC.	1	0	0	0	1	0
ATOMICS INTERNATIONAL	4	2	0	0	2	0
BABCOCK & WILCOX	115	18	18	2	68	9
BECHTEL	14	0	1	0	12	1
BLACK AND VEATCH	1	0	0	0	1	0
BROWN & ROOT	2	0	0	0	1	1
BURNS AND ROE, INC.	1	0	0	0	1	0
BYRON JACKSON & BORG WARNER CORP.	1	1	0	0	0	0
C. F. BRAUN	1	0	0	0	1	0
CHEM-NUCLEAR SYSTEMS, INC.	2	1	0	0	0	1
COMBUSTION ENGINEERING	64	8	8	5	40	3
COMMONWEALTH EDISON CO.	1	0	0	0	1	0
CONSUMERS POWER COMPANY	1	1	0	0	0	0
COORDINATING AGENCY FOR SUPPLIER EV	1	0	0	0	1	0
CVI	2	1	0	0	1	0
DOW CHEMICAL	1	0	0	0	1	0

SUMMARY STATUS OF TOPICAL REPORTS BY VENDOR
(TOTAL REVIEWS)

AS OF 01/08/82

VENDOR	TOTAL REPORTS SUBMITTED	UNDER REVIEW		REVIEW COMPLETED		
		ACTIVE	AWAIT.INFO.	NOT ACCEPTABLE	ACCEPTABLE	WITHDRAWN
DUKE POWER	2	1	0	0	1	0
EBASCO SERVICES	3	1	2	0	0	0
ECOLAIRE CONDENSER INC.	1	1	0	0	0	0
EDERER INCORPORATED	1	0	0	0	1	0
EXXON	55	7	11	0	28	9
FARR CO.	1	0	0	0	0	1
FLORIDA POWER & LIGHT	1	0	0	0	1	0
FLUOR POWER SYSTEMS	1	0	0	0	1	0
FOX INDUSTRIES	1	1	0	0	0	0
GENERAL ATOMIC	16	5	0	0	5	6
GENERAL ELECTRIC	109	15	10	17	62	5
GIBBS & HILL, INC	1	0	0	0	1	0
GILBERT ASSOCIATES	6	0	1	1	4	0
GULF & WESTERN	1	1	0	0	0	0
H. H. ROBERTSON CO.	2	0	2	0	0	0
HITTMAN NUCLEAR & DEVELOPMENT CORP.	1	0	0	0	1	0
J. A. JONES CONST. CO.	1	0	0	0	1	0
JGC CORPORATION	1	1	0	0	0	0
JOHN BLUME & ASSOCIATES	1	0	0	0	0	1
MISSISSIPPI POWER & LIGHT	1	0	0	0	1	0
NEWPORT NEWS INDUSTRIAL	2	1	1	0	0	0
NORTHEAST UTILITIES	1	1	0	0	0	0
OTTO H. YORK	1	0	1	0	0	0
OWENS CORNING FIBERGLASS	1	0	0	0	1	0

SUMMARY STATUS OF TOPICAL REPORTS BY VENDOR
(TOTAL REVIEWS)

VENDOR	TOTAL REPORTS SUBMITTED	UNDER REVIEW		REVIEW COMPLETED		
		ACTIVE	AWAIT.INFO.	NOT ACCEPTABLE	ACCEPTABLE	WITHDRAWN
PACIFIC NORTHWEST	1	0	0	0	1	0
PORTLAND GENERAL ELECTRIC	1	0	0	0	1	0
RALPH M. PARSONS QA PROGRAM	1	0	0	0	1	0
SAN DIEGO GAS & ELECTRIC	1	0	0	0	1	0
SARGENT & LUNDY	1	0	1	0	0	0
SCANDPOWER INC	1	1	0	0	0	0
SEACS	1	0	0	0	1	0
SOUTHERN CALIFORNIA EDISON COMPANY	1	0	0	0	1	0
SPRAYING SYSTEMS CO	1	0	0	0	1	0
STOCK EQUIPMENT COMPANY	1	1	0	0	0	0
STONE & WEBSTER	12	2	1	3	6	0
TELEDYNE ENERGY	1	0	1	0	0	0
TENNESSEE VALLEY AUTHORITY	5	3	0	0	2	0
TRANSNUCLEAR INC.	1	1	0	0	0	0
UNITED ENG. AND CONSTRUCTORS	4	1	1	1	1	0
UTILITY GROUP FOR REG. APPLICATION	1	1	0	0	0	0
VIR. ELECTRIC & POWER CO	10	5	1	0	4	0
WASHINGTON PUBLIC POWER SUPPLY	1	1	0	0	0	0
WERNER & PFLEIDERER CORP	1	0	0	0	1	0
WESTINGHOUSE	232	71	14	2	116	29
WESTINGHOUSE STEAM TURBINE-GENERATOR	2	2	0	0	0	0
YANKEE ATOMIC ELEC. CO.	1	1	0	0	0	0
TOTALS:	715	159	75	32	383	66

SECTION II

TOPICAL REPORT STATUS

TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: ACS INDUSTRIES INC. |

RI SYM: ACS-1 (NP) SUBMIT DATE: 03-03-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-30-76
TAC #: 03706
TITLE: ACS ENTRAINMENT SEPARATION PERFORMANCE FOR SMALL DROPLET-AIR-STEAM SERVICE

REMARKS: AWAITING REISSUE WITH NRC APPROVED LTR.

INDUSTRY ORGANIZATION: AEROJET

RI SYM: AECC-1 (P), AECC-1 (NP) SUBMIT DATE: 02-21-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-10-75
TAC #: 01457
TITLE: FLUID BED DRYER, AMEND. 3

REMARKS: PROPRIETARY AND NON-PROPRIETARY VERSION IS COMPLETE

RI SYM: AECC-2 (P), AECC-2 (NP)

TITLE: AEROJECT TOPICAL REPORT: RADIOACTIVE WASTE - VOLUME REDUCTION SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	ETSB	BANGART	RQB	05368	10-24-79			11-10-80	
		SSPB	BERGGREN	JXB						
		ETSB	HAYES	JGH						

REMARKS:

| INDUSTRY ORGANIZATION: AIR PRODUCTS & CHEMICALS |

RI SYM: APCI-73-10 (P), APCI-74-4 (NP)   SUBMIT DATE: 04-30-75   CONCLUSION: NOT ACCEPTED   LETTER TO IND ORG: 09-24-75
TAC #: 00896
TITLE: A GENERIC DESCRIPTION OF A CATALYTIC RECOMBINER SYSTEM FOR POST-LOCA COMBUSTIBLE GAS CONTROL, AMEND. 1, AMEND. 2

REMARKS:

TOPICAL REPORT STATUS

INDUSTRY ORGANIZATION: ALLIS-CHALMERS POWER SYSTEMS

RI SYM: ER-503 (NP)

TITLE: TURBINE MISSILE ANALYSIS, AMEND 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	SSPB	BERGGREN	JXB	03220	12-16-75				

REMARKS: REVIEW IS INACTIVE.

RI SYM: ER-504 (NP)

TITLE: PROBABILITY OF TURBINE MISSILES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	SSPB	BERGGREN	JXB	03219	12-16-75				

REMARKS: REVIEW IS INACTIVE.

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                              | INDUSTRY ORGANIZATION: AMERICAN AIR FILTER                |
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  RI SYM: AAF-TR-7101  (NP)                        SUBMIT DATE: 03-23-72    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 11-10-72
  TAC #: 03806
  TITLE: DESIGN AND TESTING OF FAN COOLER-FILTER SYSTEMS FOR NUCLEAR APPLICATIONS

  REMARKS:
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  RI SYM: AAF-TR-7102  (NP)                        SUBMIT DATE: 07-16-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 09-26-74
  TAC #: 01034
  TITLE: IMPREGNATED ACTIVATED CARBON FOR REMOVAL OF RADIOIODINE COMPOUNDS FROM REACTOR CONTAINMENT ATMOSPHERES, ADDENDUM A

  REMARKS:
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: AMERICAN INSTITUTE FOR STEEL CONSTR |

RI SYM: FCTPN-78 (NP)   SUBMIT DATE: 05-00-79   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 08-12-80
TAC #: 09177
TITLE: QUALITY ASSURANCE FOR AISC NUCLEAR QUALITY CERTIFICATION PROGRAM

REMARKS:

| INDUSTRY ORGANIZATION: ANACONDA COMPANY |

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RI SYM: AWC-75-A (NP)   SUBMIT DATE: 12-19-80   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 03-20-81
TAC #: 09074
TITLE: ANACONDA CO--WIRE & CABLE DIV, QA MANUAL FOR GENERATING STATION CABLE - REV 3

REMARKS:

12

BEST DOCUMENT AVAILABLE

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| INDUSTRY ORGANIZATION: ARKANSAS POWER                                    |

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RI SYM: APL-TOP-1A  (HP)             SUBMIT DATE: 06-11-79    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-05-80
TAC #: 09004
TITLE: QUALITY ASSURANCE MANUAL--OPERATIONS--REV 5

REMARKS:
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: ATCOR ENGINEERED SYSTEMS INC. |

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  RI SYM: ATC-132A  (P),    (NP)              SUBMIT DATE: 04-24-79    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 09-03-81
  TAC #: 05003
  TITLE: ATCOR, RADIOACTIVE WASTE SOLIDIFICATION SYSTEM

  REMARKS:
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TOPICAL REPORT STATUS

INDUSTRY ORGANIZATION: ATOMICS INTERNATIONAL

RI SYM: AI-72-61 (NP) SUBMIT DATE: 10-25-72 CONCLUSION: ACCEPTED LETTER TO IND ORG: 01-03-74
TAC #: 00198
TITLE: THERMAL RECOMBINER DEMONSTRATION TEST

REMARKS:

RI SYM: AI-73-27 (NP) SUBMIT DATE: 04-20-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 01-03-74
TAC #: 03805
TITLE: HYDROGEN RECOMBINER FOR POST-LOCA APPLICATION

REMARKS:

RI SYM: AI-75-2 (P), AI-75-2 (NP)

TITLE: THERMAL HYDROGEN RECOMBINER SYSTEM FOR WATER-COOLED REACTORS, REV. 2, REV. 3

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	CSB	BUTLER	WRB	01408	09-16-77				
		MEB	RAJAN	JNR						
		SSPB	BERGGREN	JXB						

REMARKS: RESUBMITTED NEW PROPRIETARY REPORT 9/20/77. WITHHOLDING APPROVED 4/21/78

RI SYM: AI-77-55 (P), AI-77-55 (NP)

TITLE: THERMAL RECOMBINERS SYSTEM FOR MK I, II BWR

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	SSPB	BERGGREN	JXB	04900	09-20-77				

REMARKS: WITHHOLDING APPROVED 7/21/78

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         | INDUSTRY ORGANIZATION: BABCOCK & WILCOX                   |
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  RI SYM: BAW-10000A  (NP)                    SUBMIT DATE: 03-00-70    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-15-76
  TAC #: 04030
  TITLE: CORRELATION OF CRITICAL HEAT FLUX IN A BUNDLE COOLED BY PRESSURIZED WATER

  REMARKS:
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  RI SYM: BAW-10001A  (NP)                    SUBMIT DATE: 08-00-70    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 02-12-73
  TAC #: 03804
  TITLE: INCORE INSTRUMENTATION TEST PROGRAM

  REMARKS:
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  RI SYM: BAW-10003  (NP)                     SUBMIT DATE: 04-14-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-10-75
  TAC #: 01044
  TITLE: QUALIFICATION TESTING OF PROTECTION SYSTEM INSTRUMENTATION, REV. 4

  REMARKS: ACCEPTED W/RESTRICTIONS RELATED TO AS-INSTALLED EQUIPMENT CONDITIONS
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  RI SYM: BAW-10006  (NP)                     SUBMIT DATE: 10-03-73    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 01-15-75
  TAC #: 00102
  TITLE: REACTOR VESSEL MATERIAL SURVEILLANCE, REV. 3

  REMARKS:
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  RI SYM: BAW-10008  (NP)                     SUBMIT DATE: 06-00-70    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 09-28-72
  TAC #: 03803
  TITLE: REACTOR INTERNALS STRESS AND DEFLECTION DUE TO LOCA AND MAXIMUM HYPOTHETICAL EARTHQUAKE, PART 1, REV. 1

  REMARKS:
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  RI SYM: BAW-10010  (NP)                     SUBMIT DATE: 02-00-70    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-29-70
  TAC #: 03802
  TITLE: STABILITY MARGIN FOR XENON OSCILLATIONS, PARTS 1 AND 2

  REMARKS:
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  RI SYM: BAW-10013A  (NP)                    SUBMIT DATE: 12-00-71    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-11-72
  TAC #: 03801
  TITLE: STUDY OF INTERGRANUALR SEPARATIONS IN LOW-ALLOY HEAT AFFECTED ZONES UNDER AUSTENITIC STAINLESS STEEL WELD CLADDING, REV1

  REMARKS:
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| INDUSTRY ORGANIZATION: BABCOCK & WILCOX                         |
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   RI SYM: BAW-10016  (NP)

  TITLE: ANALYSIS OF ANTICIPATED TRANSIENTS WITHOUT TRIP

REQ                               REVIEW                          REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER               INIT    NUMBER    DATE       DATE        DATE        REQ DATE    DATE

LWR4   J. WILSON                  SSPB     BERGGREN               JXB     00160     09-01-72

  REMARKS: TO BE REVIEWED CONCURRENTLY WITH BAW-10099. SEE TAR NO. LW23-1338.
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  RI SYM: BAW-10017  (P), BAW-10017  (NP)          SUBMIT DATE: 05-00-70    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 09-08-72
  TAC #: 03800
  TITLE: STABILITY AND COMPATIBILITY OF SODIUM THIOSULPHATE SPRAY SOLUTION, REV. 1

  REMARKS:
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  RI SYM: BAW-10019  (NP)                          SUBMIT DATE: 09-04-70    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 06-16-75
  TAC #: 01411
  TITLE: SYSTEMATIC FAILURE STUDY OF REACTOR PROTECTION SYSTEMS

  REMARKS: B&W REQUESTED RECONSIDERATION 7/29/75
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  RI SYM: BAW-10021  (NP)                          SUBMIT DATE: 04-00-70    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-29-70
  TAC #: 03799
  TITLE: TEMP - THERMAL ENTHALPY MIXING PROGRAM

  REMARKS:
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  RI SYM: BAW-10024  (NP)                          SUBMIT DATE: 01-00-71    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 09-08-72
  TAC #: 03798
  TITLE: EFFECTIVENESS OF SODIUM THIOSULFATE SPRAYS FOR IODINE REMOVAL

  REMARKS:
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   RI SYM: BAW-10025  (P), BAW-10025  (NP)

  TITLE: REACTOR VESSEL MODEL FLOW TESTS FOR 205-FA CORE, REV. 1

REQ                               REVIEW                          REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER               INIT    NUMBER    DATE       DATE        DATE        REQ DATE    DATE

LWR4   J. WILSON                  CPB      PHILLIPS               LEP     04284     06-30-78
                                  CPB      HOLONICH               JBH
                                  SSPB     BERGGREN               JXB

  REMARKS: REVISION 1 OF BAW-10025P SUBMITTED 6/30/78
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                    T O P I C A L   R E P O R T   S T A T U S

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                    ! INDUSTRY ORGANIZATION: BABCOCK & WILCOX                 !
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  RI SYM: BAW-10026  (P), BAW-10026  (NP)

 TITLE: REACTOR VESSEL MODEL FLOW TESTS FOR 145-FUEL ASSEMBLY CORE

REQ                         REVIEW                    REV    TAC      SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER            BRANCH   REVIEWER         INIT   NUMBER   DATE      DATE       DATE       REQ DATE   DATE

LWR1   J. STOLZ             SSPB     BERGGREN         JXB     03272   08-31-76                        05-20-76

 REMARKS:
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 RI SYM: BAW-10027  (NP)                    SUBMIT DATE: 09-00-72    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 03-24-72
 TAC #: 03797
 TITLE: ONCE THROUGH STEAM GENERATOR RESEARCH AND DEVELOPMENT REPORT

 REMARKS:
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  RI SYM: BAW-10027S  (NP)

 TITLE: ONCE THROUGH STEAM GENERATOR RESEARCH AND DEVELOPMENT REPORT - INTEGRAL ECONOMIZER OTSG, SUPPL. 1

REQ                         REVIEW                    REV    TAC      SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER            BRANCH   REVIEWER         INIT   NUMBER   DATE      DATE       DATE       REQ DATE   DATE

LWR4   J. WILSON            SEPB     CHEN             PYC     00109   03-05-75                        10-14-75
                            SSPB     BERGGREN         JXB

 REMARKS: RESPONSE TO QUESTION 1 PROPRIETARY
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 RI SYM: BAW-10029  (NP)                    SUBMIT DATE: 12-16-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 02-25-76
 TAC #: 00457
 TITLE: CONTROL ROD DRIVE MECHANISM TEST PROGRAM, REV. 3

 REMARKS:
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 RI SYM: BAW-10033  (NP)                    SUBMIT DATE: 10-06-76    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 08-02-74
 TAC #: 00149
 TITLE: DECAY HEAT PEAKING

 REMARKS:
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 RI SYM: BAW-10035-A  (NP)                  SUBMIT DATE: 12-00-72    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 01-29-75
 TAC #: 00513
 TITLE: FUEL ASSEMBLY STRESS AND DEFLECTION ANALYSIS FOR LOSS-OF-COOLANT ACCIDENT AND SEISMIC EXCITATION, REV. 1

 REMARKS:
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                              | INDUSTRY ORGANIZATION: BABCOCK & WILCOX                     |
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  RI SYM: BAW-10036  (NP)                        SUBMIT DATE: 01-00-72    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 02-21-73
  TAC #: 03796
  TITLE: CORRELATION OF CRITICAL HEAT FLUX IN A BUNDLE COOLED BY PRESSURIZED WATER

  REMARKS:
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  RI SYM: BAW-10037  (NP)                        SUBMIT DATE: 11-00-72    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-19-72
  TAC #: 03795
  TITLE: REACTOR VESSEL MODEL FLOW TEST, REV. 2

  REMARKS:
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  RI SYM: BAW-10038A  (NP)                       SUBMIT DATE: 11-00-72    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-04-79
  TAC #: 03794
  TITLE: PROTOTYPE VIBRATION MEASUREMENT PROGRAM FOR REACTOR INTERNALS, REV. 1

  REMARKS: ACCEPTANCE LETTER FOR SUPPLEMENT 1 ISSUED 04-04-79
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  RI SYM: BAW-10039  (NP)                        SUBMIT DATE: 08-23-79    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-04-79
  TAC #: 00447
  TITLE: PROTOTYPE VIBRATION MEASUREMENT RESULTS FOR B&W'S 177 FUEL ASSEMBLY 2 LOOP PLANT SUPPL 1

  REMARKS: REVISED PAGES CORRECTING ERROR REC'D 9/13/79 ON PRIOR ACCEPTED. WITHHOLDING APPROVED 7/16/77
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   RI SYM: BAW-10040  (NP)

  TITLE: REACTOR COOLANT PUMP ASSEMBLY OVERSPEED ANALYSIS

REQ                          REVIEW                      REV     TAC        SUBMIT      REQ TARG     EST COMP    ADD INFO     REV COMP
ORG    REQUESTER             BRANCH    REVIEWER          INIT   NUMBER       DATE         DATE         DATE      REQ DATE       DATE

LWR4   J. WILSON             SSPB      BERGGREN          JXB     01045     12-07-73

  REMARKS: AWAITING EPRI-CE TEST RESULTS DUE 1/77.
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  RI SYM: BAW-10041  (NP)                        SUBMIT DATE: 12-00-72    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 06-03-75
  TAC #: 00304
  TITLE: FUEL ASSEMBLY STRESS ANALYSIS FOR SEISMIC AND LOCA

  REMARKS:
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RI SYM: BAW-10043 (NP)

TITLE: OVERPRESSURE PROTECTION FOR B&W PRESSURIZED WATER REACTORS WITH 205 FUEL ASSEMBLIES, SUPP. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	RSB SSPB	JENSEN BERGGREN	WLJ JXB	00157	12-10-73			11-22-78	

REMARKS: QUESTIONS ISSUED 11-22-78. B&W PLANS EXTENSIVE REVISION TO THE ANALYSIS IN LIEU OF QUESTIONS RESPONSE

RI SYM: BAW-10044 (NP) SUBMIT DATE: 04-00-72 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-06-73
TAC #: 03793
TITLE: TAFY-FUEL PIN TEMPERATURE AND GAS PRESSURE ANALYSIS

REMARKS:

RI SYM: BAW-10046A (NP) SUBMIT DATE: 06-02-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-22-77
TAC #: 03654
TITLE: METHODS OF COMPLIANCE WITH FRACTURE TOUGHNESS AND OPERATIONAL REQUIREMENTS OF 10 CFR 50 APPENDIX G REV 1

REMARKS: ACCEPTED VERSION BAW 10046A REV1 DATED JULY 77

RI SYM: BAW-10047 (NP) SUBMIT DATE: 08-00-72 CONCLUSION: ACCEPTED LETTER TO IND ORG: 10-11-72
TAC #: 03792
TITLE: STUDY OF DISCONTINUITIES IN CONTROL ROD DRIVE MOTOR TUBE EXTENSIONS, REV. 1

REMARKS: SUPP. 1 SUBMITTED 8/17/77

RI SYM: BAW-10050 (NP) SUBMIT DATE: 11-00-72 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-06-73
TAC #: 03791
TITLE: EVALUATION OF OCONEE REACTOR COMPONENTS FAILURE, REV. 1

REMARKS:

RI SYM: BAW-10051A (NP) SUBMIT DATE: 11-00-72 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-06-73
TAC #: 03790
TITLE: DESIGN OF REACTOR INTERNALS AND INCORE INSTRUMENT NOZZLES FOR FLOW INDUCED VIBRATION, REV. 1

REMARKS: ACCEPTANCE LETTER FOR SUPPLEMENT 1 ISSUED 04-04-79.

RI SYM: BAW-10054 (P), BAW-10055 (NP) SUBMIT DATE: 05-00-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-06-73
TAC #: 00356
TITLE: FUEL DENSIFICATION REPORT, REV. 2

REMARKS:

TOPICAL REPORT STATUS

INDUSTRY ORGANIZATION: BABCOCK & WILCOX

RI SYM: BAW-10056-A (P), BAW-10056 (NP) SUBMIT DATE: 03-00-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 08-28-73
TAC #: 03789
TITLE: RADIATION EMBRITTLEMENT SENSITIVITY OF REACTOR PRESSURE VESSEL STEELS

REMARKS:

RI SYM: BAW-10060 (NP)

TITLE: REACTOR INTERNALS DESIGN/ANALYSIS FOR NORMAL, UPSET & FAULTED CONDITIONS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J WILSON	SSPB	BERGGREN	JXB	04645	06-30-77				

REMARKS:

RI SYM: BAW-10061 (P), BAW-10061 (NP) SUBMIT DATE: 06-01-73 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 01-23-75
TAC #: 01048
TITLE: THREE-DIMENSIONAL POWER DISTRIBUTION ANALYSIS

REMARKS:

RI SYM: BAW-10062A (NP) SUBMIT DATE: 10-19-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 01-08-76
TAC #: 01657
TITLE: MULTINODE ANALYSIS OF SMALL BREAKS FOR B&W'S 145 - FUEL ASSEMBLY NUCLEAR PLANTS WITH INTERNALS VENT VALVES, REV1

REMARKS: B&W DOCUMENTATION OF INFORMAL RESPONSES TO RAI'S. PROVIDED IN BAW-10104, REV. 1

RI SYM: BAW-10064 (NP) SUBMIT DATE: 04-00-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 05-17-73
TAC #: 00453
TITLE: MULTINODE ANALYSIS OF CORE FLOODING LINE BREAK FOR B&W 2568MW'S INTERNAL VENT VALVE PLANTS

REMARKS: EVALUATION IN THE OCONEE 2/3 SER

RI SYM: BAW-10065 (NP)

TITLE: TR "MULTINODE ANALYSIS OF B&W 205 FUEL ASSEMBLY (MARK DESIGN) NUCLEAR PLANTS DURING LOCA"

REQ CRG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43399	06-20-73				

REMARKS: SUPPLEMENT 1 SUBMITTED 8/31/73

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                    | INDUSTRY ORGANIZATION: BABCOCK & WILCOX                      |
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  RI SYM: BAW-10067  (NP)                         SUBMIT DATE: 12-04-74    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 05-04-76
  TAC #: 01036
  TITLE: CONTAINMENT ISOLATION VALVES, REV. 2

  REMARKS: REPORT HAS BEEN WITHDRAWN 5/4/76.
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  RI SYM: BAW-10068  (NP)                         SUBMIT DATE: 06-00-73    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 11-08-73
  TAC #: 00553
  TITLE: KAPF-4 DIGITAL COMPUTER PROGRAM FOR SOLUTION OF REACTOR LINETICS AND PRIMARY SYSTEM PRESSURE RESPONSE

  REMARKS:
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  RI SYM: BAW-10069A  (P), BAW-10069  (NP)        SUBMIT DATE: 07-20-73    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 09-19-74
  TAC #: 00567
  TITLE: RADAR - REACTOR THERMAL AND HYDRAULIC ANALYSIS DURING REACTOR FLOW COASTDOWN, REV 1

  REMARKS:
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   RI SYM: BAW-10070  (NP)

  TITLE: POWER TRAIN - GENERAL HYBRID SIMULATION FOR REACTOR COOLANT AND SECONDARY SYSTEM TRANSIENT RESPONSE

REQ                          REVIEW                  REV     TAC      SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH   REVIEWER       INIT    NUMBER   DATE       DATE        DATE        REQ DATE    DATE

LWR4   J. WILSON             RSB      JENSEN         WLJ     00565    12-05-75                           04-04-79
                             SSPB     BERGGREN       JXB

  REMARKS: SEE BAW-10149
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  RI SYM: BAW-10071A  (NP)                        SUBMIT DATE: 07-00-73    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 09-20-74
  TAC #: 00564
  TITLE: SPLIT-DIGITAL STEADY STATE FLOW DISTRIBUTION CODE FOR VARIOUS PRIMARY SYSTEM COMBINATIONS

  REMARKS:
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  RI SYM: BAW-10072A  (NP)                        SUBMIT DATE: 07-13-73    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 07-30-75
  TAC #: 01027
  TITLE: SAVER - DIGITAL COMPUTER CODE TO DETERMINE PRESSURE DROPS

  REMARKS:
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  RI SYM: BAW-10073A  (NP)                        SUBMIT DATE: 08-26-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-19-75
  TAC #: 01026
  TITLE: PUMP-ANALOG-HYBRID REACTOR COOLANT HYDRAULIC TRANSIENT MODEL, REV 1

  REMARKS:
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 | INDUSTRY ORGANIZATION: BABCOCK & WILCOX                  |
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  RI SYM: BAW-10074A  (NP)                         SUBMIT DATE: 11-19-73    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 01-08-76
  TAC #: 01658
  TITLE: MULTINODE ANALYSIS OF SMALL BREAKS FOR B&W'S 205 - FUEL ASSEMBLY NUCLEAR PLANTS WITH INTERNALS VENT VALVES, REV 1

  REMARKS: B&W DOCUMENTATION OF INFORMAL RESPONSES TO RAI'S. PROVIDED IN BAW-10104, REV. 1
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  RI SYM: BAW-10075A  (NP)                         SUBMIT DATE: 10-00-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 01-08-76
  TAC #: 03787
  TITLE: MULTINODE ANALYSIS OF SMALL BREAKS FOR B&W'S 177-FUEL ASSEMBLY NUCLEAR PLANTS, ETC.--REV. 1

  REMARKS:
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  RI SYM: BAW-10076A  (P), BAW-10080A  (NP)        SUBMIT DATE: 09-17-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-10-74
  TAC #: 00909
  TITLE: CADD - COMPUTER APPLICATION TO DIRECT DIGITAL SIMULATION OF TRANSIENTS IN WATER REACTORS, REV. 2

  REMARKS: REC BAW-10076-A (P) REV 2 & BAW-10080(NP) REV 1 LTR DATED 30 MAY 75
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  RI SYM: BAW-10078  (P), BAW-10079  (NP)          SUBMIT DATE: 09-28-73    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 08-26-74
  TAC #: 00605
  TITLE: BAW-10078 "OPERATIONAL PARAMETERS FOR B&W RODDED PLANTS"

  REMARKS:
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  RI SYM: BAW-10081  (NP)                          SUBMIT DATE: 02-27-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 08-29-74
  TAC #: 00935
  TITLE: CALCULATION OF MAXIMUM FUEL ENTHALPY DURING ROD EJECTION ACCIDENT

  REMARKS:
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   RI SYM: BAW-10082-REV2  (P),    (NP)

  TITLE: TR "ENVIRONMENTAL QUALIFICATION OF CLASS IE CONTROL AND INSTRUMENTATION EQUIPMENT"

REQ                             REVIEW                      REV     TAC        SUBMIT      REQ TARG     EST COMP     ADD INFO     REV COMP
ORG    REQUESTER                BRANCH   REVIEWER           INIT    NUMBER     DATE        DATE         DATE         REQ DATE     DATE

SSPB   BERGGREN                 SSPB     BERGGREN           JXB     43237      11-20-80
                                EQB      KENNEDY            JGK

  REMARKS: REV, COMMENT & PREP SER - REV 2 SUPERCEDES BAW-10082-1, -2, & -3 THIS TAC SUPERCEDES 01420, 01768, 03348
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  RI SYM: BAW-10082-1  (NP)                        SUBMIT DATE: 07-05-77    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 11-20-80
  TAC #: 01420
  TITLE: SEISMIC QUALIFICATION METHODS

  REMARKS: SUPERCEDED BY BAW 10082 TAC 43237
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                         | INDUSTRY ORGANIZATION: BABCOCK & WILCOX                   |
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  RI SYM: BAW-10082-2  (NP)                 SUBMIT DATE: 07-05-77    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 11-20-80
  TAC #: 01768
  TITLE: ENVIRONMENTAL QUALIFICATION

  REMARKS: SUPERCEDED BY BAW-10082 TAC 43237
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  RI SYM: BAW-10082-3  (NP)                 SUBMIT DATE: 07-05-77    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 11-20-80
  TAC #: 03348
  TITLE: COMPOSITE TEST METHODS FOR CLASS IE INSTRUMENTATION AND CONTROL EQUIPMENT (DRAFT)

  REMARKS: SUPERCEDED BY BAW-10082 TAC 43237
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  RI SYM: BAW-10083A  (P), BAW-10083A-REV1  (NP)  SUBMIT DATE: 04-28-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-16-77
  TAC #: 01620
  TITLE: BABCOCK & WILCOX MODEL FOR PREDICTING IN-REACTOR DENSIFICATION

  REMARKS:
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   RI SYM: BAW-10084  (P), BAW-10084  (NP)

  TITLE: TR "PROGRAM TO DETERMINE IN REACTOR PERFORMANCE OF B&W FUELS - CLADDING CREEP COLLAPSE" REV 3

REQ                          REVIEW                    REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH    REVIEWER        INIT   NUMBER    DATE       DATE        DATE        REQ DATE    DATE

SSPB   BERGGREN              SSPB      BERGGREN        JXB    46774     01-13-81
                             CPB       POWERS          DAP

  REMARKS: REVIEW, COMMENT AND PREPARE SER
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  RI SYM: BAW-10084A  (P), BAW-10084A  (NP)       SUBMIT DATE: 01-13-81    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-19-78
  TAC #: 04312
  TITLE: PROGRAM TO DETERMINING IN-REACTOR PERFMNCE OF B&W FUELS, REV1 AND REV2

  REMARKS:
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   RI SYM: BAW-10085  (P),    (NP)

  TITLE: TR "REACTOR PROTECTION SYSTEM", REV 6

REQ                          REVIEW                    REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH    REVIEWER        INIT   NUMBER    DATE       DATE        DATE        REQ DATE    DATE

SSPB   BERGGREN              SSPB      BERGGREN        JXB    43400     04-12-79

  REMARKS: REVISION 6 OF VOL 1&2 & NON PROPRIETARY
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                              | INDUSTRY ORGANIZATION: BABCOCK & WILCOX                       |
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  RI SYM: BAW-10087-A-REV2  (P), BAW-10087-A-REV1 SUBMIT DATE: 09-15-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-16-77
  TAC #: 01825
  TITLE: TACO-FUEL PIN PERFORMANCE ANALYSIS

  REMARKS: ACCEPTED VERSIONS (NP) REV1 & (P)REV2 DATED AUG '77 WITHHHOLDING APPROVED 7/22/77
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  RI SYM: BAW-10091  (P), BAW-10091  (NP)          SUBMIT DATE: 08-05-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 06-18-75
  TAC #: 01062
  TITLE: B&W'S ECCS EVALUATION MODEL REPORT WITH SPECIFIC APPLICATION TO 177 FA CLASS PLANT WITH LOWERED LOOP ARRANGEMENT & APP B

  REMARKS: APPB IS PROPRIETORY
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  RI SYM: BAW-10091S  (NP)                         SUBMIT DATE: 01-15-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 06-18-75
  TAC #: 03788
  TITLE: SUPPORT DOC FOR B&W ECCS EVAL MODEL REPORT W/SPECIFIC APPL TO 177 FA CLASS PLANTS W/LOWERED LOOP ARRANG, SUPP. 1

  REMARKS:
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  RI SYM: BAW-10092(P)  (P), BAW-10092-REV2  (NP) SUBMIT DATE: 04-15-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 06-18-75
  TAC #: 01042
  TITLE: CRAFT 2-FORTRAN PROGRAM FOR DIGITAL SIMULATION OF A MULTINODE REACTOR PLANT DURING A LOSS OF COOLANT ACCIDENT, REV.1

  REMARKS:
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  RI SYM: BAW-10093  (NP)                          SUBMIT DATE: 07-23-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 06-18-75
  TAC #: 01041
  TITLE: REFLOOD - DESCRIPTION OF MODEL FOR MULTINODE CORE REFLOODING ANALYSES

  REMARKS:
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  RI SYM: BAW-10094  (NP)                          SUBMIT DATE: 04-15-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 06-18-75
  TAC #: 01040
  TITLE: BABCOCK & WILCOX REVISIONS TO THETA 1-B, A COMPUTER CODE FOR NUCLEAR REACTOR CORE THERMAL ANALYSIS-IN-1445

  REMARKS: BAW 10094 REV 2 REC'D 8/16/77. REFERENCED IN ACCEPTED BAW-10104
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   RI SYM: BAW-10094  (NP)

  TITLE: TR "B&W REVISIONS TO THETAL - B, A COMPUTER CODE FOR NUCLEAR REACTOR CORE THERMAL ANALYSIS - REV 3"

REQ                              REVIEW                       REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO     REV COMP
ORG    REQUESTER                 BRANCH   REVIEWER            INIT    NUMBER    DATE       DATE        DATE        REQ DATE     DATE

SPB    BERGGREN                  CPB      VOGLEWEDE           JCV     43841     04-23-81
                                 SSPB     BERGGREN            JXB

  REMARKS: REVIEW COMMENT & PREPARE SER
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: BABCOCK & WILCOX |

RI SYM: BAW-10095-REV1 (P), BAW-10095 (NP)   SUBMIT DATE: 08-05-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 02-13-78
TAC #: 01066
TITLE: CONTEMPT-COMPUTER PROGRAM PREDICTING CONTAINMENT PRESSURE: TEMPERATURE RESPONSE TO ALOSS OF COOLANT ACCIDENT, REV. 1

REMARKS: REV 1 ACCEPTED 2/13/78

RI SYM: BAW-10096A (NP)   SUBMIT DATE: 05-00-77   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 07-08-77
TAC #: 09005
TITLE: B&W NPGD QUALITY ASSURANCE PROGRAM FOR NUCLEAR EQUIPMENT EQUIPMENT - REV4

REMARKS:

RI SYM: BAW-10097A (P), BAW-10097A (NP)   SUBMIT DATE: 08-06-75   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 11-26-75
TAC #: 01092
TITLE: MARK C (17X17) FUEL ASSEMBLY - RESEARCH AND DEVELOPMENT, REV. 2

REMARKS: B&W IS REQUIRED TO PROVIDE SEMIANNUAL R&D STATUS REPORTS

RI SYM: BAW-10098 (P), BAW-10098 (NP)

TITLE: CADDS-COMPUTER APPLICATION TO DIRECT DIGITAL SIMULATION OF TRANSIENTS IN PWRS WITH OR WITHOUT SCRAM, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB	BERGGREN	JXB	01348	05-23-75			04-21-76	

REMARKS: REVIEW TIED TO B&W ATWS REVIEW. REV 1 SUBMITTED 12/20/77

RI SYM: BAW-10099 (NP)

TITLE: BABCOCK & WILCOX ANTICIPATED TRANSIENTS WITHOUT SCRAM ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB	BERGGREN	JXB	01338	05-02-75				

REMARKS: REC'D REV 1 MAY 15, 1977

RI SYM: BAW-10100A (P), BAW-10100 (NP)   SUBMIT DATE: 11-01-74   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 02-19-75
TAC #: 01231
TITLE: REACTOR VESSEL MATERIAL SURVEILLANCE PROGRAM-COMPLIANCE WITH 10 CFR 50, APPENDIX H, FOR OCONEE CLASS REACTORS

REMARKS:

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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: BABCOCK & WILCOX |

RI SYM: BAW-10101 (P), BAW-10101 (NP)

TITLE: ANTICIPATED TRANSIENTS WITHOUT SCRAM PROGRAM-COMMON MODE FAILURE ANALYSIS OF CONTROL ROD DRIVE MECHANISMS, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	MEB	CHERNY	FCC	01758	10-15-75				
		SSPB	BERGGREN	JXB						

REMARKS:

RI SYM: BAW-10102 (NP) SUBMIT DATE: 06-13-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-05-78
TAC #: 01677
TITLE: ECCS EVALUATION OF B&W'S 205 - FA NSS, REV. 1 & REV 2

REMARKS: ACCEPTANCE SUBJECT TO STIPULATIONS NOTED IN EVALUATION.

RI SYM: BAW-10103A (NP) SUBMIT DATE: 09-11-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 02-18-77
TAC #: 01706
TITLE: ECCS ANALYSIS OF B&W'S 177-FA LOWERED LOOP NSSS, REV. 3

REMARKS: REVISIONS DATED 7/18/78 AND 8/11/78 UNDER REVIEW. ACCEPTED VERSION DTD JULY 77

RI SYM: BAW-10104A (NP) SUBMIT DATE: 05-29-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-05-78
TAC #: 01653
TITLE: B&W'S ECCS EVALUATION MODEL, REV. 4

REMARKS: REV ? NOT YET ACCEPTED

RI SYM: BAW-10105 (P), BAW-10105 (NP)

TITLE: "ECCS EVALUATION OF B&W 177 FA RAISED LOOP NSS", REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
DPM		SSPB	BERGGREN	JXB	03810	06-12-75			01-28-76	

REMARKS: REV 1 PAGES SUBMITTED 6/25/75

RI SYM: BAW-10106 (NP) SUBMIT DATE: 05-08-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-24-75
TAC #: 01621
TITLE: QUENCH-DIGITAL PROGRAM FOR ANALYSIS OF CORE THERMAL TRANSIENTS DURING A LOSS-OF-COOLANT ACCIDENT

REMARKS:

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                    | INDUSTRY ORGANIZATION: BABCOCK & WILCOX               |
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  RI SYM: BAW-10108A  (P), BAW-10108A  (NP)        SUBMIT DATE: 08-08-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-07-75
  TAC #: 01846
  TITLE: QUALIFICATION OF SUBMERGED-ARC NARROW STRIP CLADDING PROCESS

  REMARKS: BAW-10108 NP REC'D 8/26/75. APPROVED VERSIONS DATED MARCH 1976
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   RI SYM: BAW-10109  (NP)

  TITLE: HYTRAN- HYDRAULIC TRANSIENT CODE FOR INVESTIGATION OF CHANNEL FLOW STABILITY

REQ                          REVIEW                    REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO     REV COMP
ORG    REQUESTER             BRANCH    REVIEWER        INIT   NUMBER     DATE        DATE        DATE      REQ DATE       DATE

LWR4   J. WILSON             SSPB      BERGGREN        JXB     03621   02-05-76                            06-03-76
                             RSB       HODGES          MWH

  REMARKS:
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   RI SYM: BAW-10110  (NP)

  TITLE: CHATA-CORE HYDRAULICS AND THERMAL ANALYSIS REV 1

REQ                          REVIEW                    REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO     REV COMP
ORG    REQUESTER             BRANCH    REVIEWER        INIT   NUMBER     DATE        DATE        DATE      REQ DATE       DATE

LWR1   WIKEN                 SSPB      BERGGREN        JXB     03367   02-05-76                09-30-81    04-03-81

  REMARKS: REC'D RESPONSE DATED 7/21/81 TO REQUEST NO 2 FOR ADDL INFO
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  RI SYM: BAW-10111  (NP)                          SUBMIT DATE: 04-29-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-13-76
  TAC #: 03747
  TITLE: SUMMARY DESCRIPTION OF B&W INTEGRATED NUCLEAR DESIGN SYSTEM

  REMARKS:
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  RI SYM: BAW-10112  (NP)                          SUBMIT DATE: 12-11-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-21-76
  TAC #: 03202
  TITLE: ETOGM-EPITHERMAL CROSS SECTION GENERATION CODE USING END F/B DATA.

  REMARKS:
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  RI SYM: BAW-10113A  (NP)                         SUBMIT DATE: 12-03-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-21-76
  TAC #: 04140
  TITLE: THOR--THERMAL CROSS SECTION GENERATION CODE USING END F/B DATA.

  REMARKS: ACCEPTED VERSION BAW-10113-A SUBMITTED 2/11/77
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                          | INDUSTRY ORGANIZATION: BABCOCK & WILCOX                     |
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  RI SYM: BAW-10114A  (NP)                        SUBMIT DATE: 01-26-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-18-76
  TAC #: 03328
  TITLE: PROLIB-CODE TO CREATE PRODUCTION LIBRARY OF NUCLEAR DATA FOR DESIGN CALCULATIONS

  REMARKS: ACCEPTED VERSION BAW-10114A SUBMITTED 2-11-77
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  RI SYM: BAW-10115A  (NP)                        SUBMIT DATE: 07-13-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-08-76
  TAC #: 04177
  TITLE: NULIF-NEUTRON SPECTRUM GENERATOR, FEW GROUP CONSTANT CALCULATION AND FUEL DEPLETION CODE

  REMARKS: ACCEPTED VERSION BAW-10115-A SUBMITTED 2/11/77
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  RI SYM: BAW-10116A  (NP)                        SUBMIT DATE: 12-21-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-03-77
  TAC #: 04388
  TITLE: ASSEMBLY CALCULATIONS AND FITTED NUCLEAR DATA

  REMARKS: ACCEPTED VERSION BAW 10116 A SUBMITTED 5/24/77
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  RI SYM: BAW-10117A  (P), BAW-10117A  (NP)       SUBMIT DATE: 12-22-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-21-76
  TAC #: 03209
  TITLE: BABCOCK & WILCOX VERSION OF PDQ07 USER'S MANUAL

  REMARKS: ACCEPTED VERSION BAW 10117 A (P) & (NP) SUBMITTED 01/27/77
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  RI SYM: BAW-10118A  (NP)                        SUBMIT DATE: 10-13-77    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 09-25-79
  TAC #: 04762
  TITLE: CORE CALCULATIONAL TECHNIQUES & PROCEDURES

  REMARKS: ACCEPTED VERSION BAW-10118-A NP SUBMITTED 01/24/80
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  RI SYM: BAW-10119A  (P), BAW-10119A  (NP)       SUBMIT DATE: 07-05-77    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-29-78
  TAC #: 04629
  TITLE: POWER PEAKING NUCLEAR RELIABILITY FACTORS

  REMARKS: ACCEPTED VERSION BAW-10119-A (P) & BAW-10119-A(NP) SUBMITTED 2/79
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  RI SYM: BAW-10120A  (P), BAW-10120A  (NP)       SUBMIT DATE: 03-14-78    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 06-14-79
  TAC #: 04901
  TITLE: COMPARISON OF CORE PHYSICS CODES WITH MEASUREMENTS

  REMARKS: ACCEPTED VERSIONS BAW 10120 A (P) & BAW 10120 A(NP) SUBMITTED 08/07/79
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                              T O P I C A L   R E P O R T   S T A T U S

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                                 | INDUSTRY ORGANIZATION: BABCOCK & WILCOX  |
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  RI SYM: BAW-10121  (P), BAW-10121  (NP)

 TITLE: RPS LIMITS AND SETPOINTS

REQ                     REVIEW                  REV   TAC      SUBMIT    REQ TARG  EST COMP  ADD INFO  REV COMP
ORG  REQUESTER          BRANCH  REVIEWER        INIT  NUMBER   DATE      DATE      DATE      REQ DATE  DATE

LWR4 J. WILSON          SSPB    BERGGREN        JXB    04845  02-27-78
                        CPB     BROOKS          WXB

 REMARKS:
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 RI SYM: BAW-10122A  (P),     (NP)          SUBMIT DATE: 08-04-78   CONCLUSION: ACCEPTED    LETTER TO IND ORG: 09-14-79
 TAC #: 05032
 TITLE: NORMAL OPERATING CONTROLS

 REMARKS: ACCEPTED VERSION 10122A(NP) SUBMITTED 11/30/79
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 RI SYM: BAW-10123  (NP)                    SUBMIT DATE: 02-20-78   CONCLUSION: ACCEPTED    LETTER TO IND ORG: 06-19-80
 TAC #: 04844
 TITLE: NUCLEAR APPLICATION SOFTWARE PACKAGE

 REMARKS:
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 RI SYM: BAW-10124A  (NP)                   SUBMIT DATE: 12-10-75   CONCLUSION: ACCEPTED    LETTER TO IND ORG: 05-28-76
 TAC #: 04138
 TITLE: FLAME 3-THREE DIMENSIONAL NODAL CODE FOR CALCULATING CORE REACTIVITY AND POWER DISTRIBUTION

 REMARKS: ACCEPTED VERSION BAW-10124-A(NP) SUBMITTED 8/76
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 RI SYM: BAW-10125A  (P), BAW-10125A  (NP)  SUBMIT DATE: 02-10-76   CONCLUSION: ACCEPTED    LETTER TO IND ORG: 05-28-76
 TAC #: 03337
 TITLE: VERIFICATION OF THE THREE DIMENSIONAL FLAME CODE

 REMARKS: ACCEPTED VERSION BAW-10125-A (P) & BAW-10125-A(NP) DATED AUG 76
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  RI SYM: BAW-10126  (NP)

 TITLE: PERFORMANCE EVAL OF CONTROL ROD DRIVE LINE TRIP TEST FOR MARK C FUEL ASSEMBLY

REQ                     REVIEW                  REV   TAC      SUBMIT    REQ TARG  EST COMP  ADD INFO  REV COMP
ORG  REQUESTER          BRANCH  REVIEWER        INIT  NUMBER   DATE      DATE      DATE      REQ DATE  DATE

LWR4 J WILSON           SSPB    BERGGREN        JXB    04823  12-19-77

 REMARKS:
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RI SYM: BAW-10127 (NP)

TITLE: LOCA PIPE BREAK CRITERIA FOR DESIGN OF B&W NSSS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	ASB	WAGNER	NHW	04389	12-16-76				06-12-81
		MEB	LI	YCL						
		SSPB	BERGGREN	JXB						

REMARKS:

RI SYM: BAW-10128 (NP)

TITLE: TRAP2-FORTRAN CODE TO SIMULATE ONCE THROUGH STEAM GENERATOR

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB	BERGGREN	JXB	04244	10-21-81			01-26-79	

REMARKS: RESPONSE TO REQUEST FOR ADDL INFO SUBMITTED 9/18/81 & 10/21/81

RI SYM: BAW-10129 (NP)

TITLE: LYNX 1 CODE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	CPB	GUPTA	SBG	04339	03-05-81			11-16-81	
		RSB	HODGES	MWH				09-30-81		
		SSPB	BERGGREN	JXB						

REMARKS: RESPONSE TO REQUEST NO. 1 FOR ADDITIONAL INFORMATION 03/05/81. ISSUED REQUEST NO 2 FOR ADDL INFO

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BEST DOCUMENT AVAILABLE

TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: BABCOCK & WILCOX |

RI SYM: BAW-10130 (NP)

TITLE: LYNX 2 CODE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB	BERGGREN	JXB	04338	03-05-81			11-16-81	
		CPB	GUPTA	SBG				09-30-81		

REMARKS: RESPONSE TO REQUEST NO. 1 FOR ADDITIONAL INFORMATION 03/05/81. ISSUED REQUEST #2 FOR ADDL INFO

RI SYM: BAW-10131 (NP)

TITLE: REACTOR COOLANT SYSTEM STRUCTURAL LOADING ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	THOMAS	MEB	HARTZMAN	MYH	04387	12-06-76			11-22-77	
		SSPB	BERGGREN	JXB						

REMARKS: RESP TO QUESTIONS SUBMITTED 4/18/78

RI SYM: BAW-10132A (P), BAW-10132A (NP) SUBMIT DATE: 03-04-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 10-31-78
TAC #: 04509
TITLE: HYDRODYNAMIC LOADING DURING LOCA

REMARKS: ACCEPTED VERSION BAW-10132-P-A AND BAW-10132-P-A SUPPL. 1 SUBMITTED 7/20/79

RI SYM: BAW-10133 (P), BAW-10133 (NP)

TITLE: MARK C FUEL ASSEMBLY - LOCA - SEISMIC ANALYSES, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J WILSON	CPB	GUPTA	RCG	04734	05-31-79			09-14-79	
		SSPB	BERGGREN	JXB				09-30-81		

REMARKS: RESPONSE TO 9/14/79 Q-1 DATED 9/5/80

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                    | INDUSTRY ORGANIZATION: BABCOCK & WILCOX                  |
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  RI SYM: BAW-10135  (NP)

 TITLE: LOCA MASS & ENERGY RELEASE FOR CONTAINMENT DESIGN, REV 1

REQ                          REVIEW               REV   TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH  REVIEWER     INIT  NUMBER     DATE        DATE        DATE      REQ DATE      DATE

LWR4   J WILSON              SSPB    BERGGREN     JXB   04826    02-03-78
                             CSB     TINKLER      CGT

 REMARKS: REV 1 CHANGE PAGES SUBMITTED 4/23/79
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  RI SYM: BAW-10139  (P), BAW-10139  (NP)       SUBMIT DATE: 01-30-78    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 12-10-80
  TAC #: 04811
  TITLE: STATISTICAL CORE DESIGN

 REMARKS: SUPERCEDED BY BAW-10145(P)
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  RI SYM: BAW-10140  (P), BAW-10140  (NP)

 TITLE: VIBRATION ANAL. MEASUREMENT & INSPECTION PROGRAMS FOR PROTOTYPE REACTOR INTERNALS FOR B&W 205 FUEL

REQ                          REVIEW               REV   TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH  REVIEWER     INIT  NUMBER     DATE        DATE        DATE      REQ DATE      DATE

LWR4   WILSON                SSPB    BERGGREN     JXB   05157    02-01-79                            07-06-81
                             MEB     HOU          SXH

 REMARKS:
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  RI SYM: BAW-10141  (P), BAW-10141  (NP)

 TITLE: TACO 2 - FUEL PIN PERFORMANCE ANALYSIS

REQ                          REVIEW               REV   TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH  REVIEWER     INIT  NUMBER     DATE        DATE        DATE      REQ DATE      DATE

LWR4   WILSON                SSPB    BERGGREN     JXB   05156    01-31-79                09-30-81    03-11-81
                             CPB     VOGLEWEDE    JCV

 REMARKS: BAW-10141(NP) SUBMITTED 8/9/79 REQ NO. 1 FOR ADDL INFO 3/11/81
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                                  T O P I C A L   R E P O R T   S T A T U S

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                              | INDUSTRY ORGANIZATION: BABCOCK & WILCOX           |
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   RI SYM: BAW-10143  (P), BAW-10143  (NP)

  TITLE: TR"BWC CORRELATION OF CRITICAL HEAT FLUX GEOMETRY ROD BUNDLES"

REQ                          REVIEW                     REV    TAC       SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH   REVIEWER          INIT   NUMBER     DATE         DATE        DATE      REQ DATE      DATE

SSPB   BERGGREN              SSPB     BERGGREN          JXB    43441    09-22-81                09-30-81    01-04-80
                             CPB      GUPTA             SBG

  REMARKS: TR NOW COMPOSED OF PART 1 & PART 2 REC'D 10/02/81; REC'D RESPONSE DATED 11/18/81 TO NRC INQUIRY
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  RI SYM: BAW-10144  (NP)                      SUBMIT DATE: 09-22-81    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-17-79
  TAC #: 43440
  TITLE: EVALUATION OF THE ATYPICAL WELDMENT

  REMARKS: REVIEWED AS BAW 1566
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   RI SYM: BAW-10145  (P), BAW-10145  (NP)

  TITLE: TR "STATISTICAL CORE DESIGN APPLIED TO BABCOCK-205 CORE"

REQ                          REVIEW                     REV    TAC       SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH   REVIEWER          INIT   NUMBER     DATE         DATE        DATE      REQ DATE      DATE

SSPB   BERRGREN              SSPB     BERGGREN          JXB    43323    12-10-80                09-30-81    09-24-81
                             CPB      GUPTA             SBG

  REMARKS: REQUEST NO 1 FOR ADDITIONAL INFO 9/24/81
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   RI SYM: BAW-10146  (NP)

  TITLE: DETERMINATION OF MINIMUM REQUIRED TUBE WALL THICKNESS FOR 177-FA ONCE-THROUGH STEAM GENERATORS

REQ                          REVIEW                     REV    TAC       SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH   REVIEWER          INIT   NUMBER     DATE         DATE        DATE      REQ DATE      DATE

SSPB   BERGGREN              SSPB     BERGGREN          JXB    43211    11-11-80

  REMARKS: REVIEW PREPARE QUESTIONS/COMMENTS AND PREPARE SER
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| INDUSTRY ORGANIZATION: BABCOCK & WILCOX |

RI SYM: BAW-10147 (P), BAW-10147 (NP)

TITLE: TR "FUEL ROD BOWING IN BABCOCK & WILCOX FUEL DESIGNS"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	CPB	POWERS	DAP	43753	08-03-81		06-01-82	11-16-81	
		SSPB	BERGGREN	JXB				09-30-81		

REMARKS: RESPONSE DATED 8/3/81 TO REQUEST #1 RECEIVED 8/18/81. ISSUED REQ #2 FOR ADDL INFO

RI SYM: BAW-10148 (NP)

TITLE: TR 'REFLOD - 3 - MODEL FOR MULTINODE CORE REFLOODING ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	46576	06-19-81				

REMARKS: REVIEW, COMMENT & PREPARE SER; WILL UPON ACCEPTANCE REPLACE BAW 10093

RI SYM: BAW-10149 (NP)

TITLE: TR "POWER TRAIN - HYBRID COMPUTER SIMULATION OF A BABCOCK & WILCOX NUCLEAR POWER PLANT", REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	46937	08-17-81				

REMARKS: REVIEW COMMENT & PREPARE SER IN SUPPORT OF MIDLAND LICENSE SCHEDULE REQUIREMENT. REV 1 SUBMITTED 11/10/81

RI SYM: BAW-10151A (P), (NP) SUBMIT DATE: 12-02-81 CONCLUSION: ACCEPTED LETTER TO IND ORG: 11-10-81
TAC #: 42967
TITLE: TR"CONTROL ROD GUIDE TUBE WEAR MEASUREMENT PROGRAM"

REMARKS: SUPERCEDES BAW-01623 WITHOUT CHANGE

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| INDUSTRY ORGANIZATION: BECHTEL                                  |

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RI SYM: BC-TOP-1  (NP)                  SUBMIT DATE: 01-18-73    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 02-07-74
TAC #: 00360
TITLE: CONTAINMENT BUILDING LINER PLATE DESIGN REPORT, REV. 1

REMARKS:
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RI SYM: BC-TOP-10  (NP)                 SUBMIT DATE: 06-26-75    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 03-29-78
TAC #: 01703
TITLE: TORNADO MISSILE RISK MODEL

REMARKS: TOPICAL REPORT WITHDRAWN (3-29-78).
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RI SYM: BC-TOP-3  (NP)                  SUBMIT DATE: 08-19-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 10-04-74
TAC #: 00362
TITLE: TORNADO AND EXTREME WIND DESIGN CRITERIA FOR NUCLEAR POWER PLANTS, REV. 3

REMARKS:
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RI SYM: BC-TOP-4  (NP)                  SUBMIT DATE: 09-05-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 10-31-74
TAC #: 00172
TITLE: SEISMIC ANALYSES OF STRUCTURES AND EQUIPMENT FOR NUCLEAR POWER PLANTS, REV. 3

REMARKS:
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RI SYM: BC-TOP-5  (NP)                  SUBMIT DATE: 02-07-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 03-28-75
TAC #: 00359
TITLE: PRESTRESSED CONCRETE NUCLEAR REACTOR CONTAINMENT STRUCTURES, REV. 3

REMARKS:
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RI SYM: BC-TOP-7  (NP)                  SUBMIT DATE: 08-03-71    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 08-24-73
TAC #: 03815
TITLE: FULL SCALE BUTTRESS TEST FOR PRESTRESSED NUCLEAR CONTAINMENT STRUCTURES

REMARKS:
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RI SYM: BC-TOP-8  (NP)                  SUBMIT DATE: 11-19-71    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 08-24-73
TAC #: 03814
TITLE: TENDON END ANCHOR REINFORCEMNT TEST

REMARKS:
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RI SYM: BC-TOP-9  (NP)                  SUBMIT DATE: 10-02-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 11-25-74
TAC #: 00592
TITLE: DESIGN OF STRUCTURES FOR MISSILE IMPACT, REV. 2

REMARKS:
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                                                  | INDUSTRY ORGANIZATION: BECHTEL                             |
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  RI SYM: BN-TOP-1  (NP)                           SUBMIT DATE: 11-17-72     CONCLUSION: ACCEPTED        LETTER TO IND ORG: 02-01-73
  TAC #: 03813
  TITLE: TESTING CRITERIA FOR INTEGRATED LEAKAGE RATE TESTING OF PRIMARY CONTAINMENT STRUCTURES FOR NUCLEAR POWER PLANTS, REV. 1

  REMARKS:
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  RI SYM: BN-TOP-2  (NP)                           SUBMIT DATE: 05-15-74     CONCLUSION: ACCEPTED        LETTER TO IND ORG: 06-17-74
  TAC #: 00628
  TITLE: DESIGN FOR PIPE BREAK REFFECTS, REV. 2

  REMARKS:
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   RI SYM: BN-TOP-3  (NP)

  TITLE: PERFORMANCE AND SIZING OF DRY PRESSURE CONTAINMENTS, REV. 3

REQ                            REVIEW                    REV      TAC       SUBMIT     REQ TARG    EST COMP     ADD INFO    REV COMP
ORG    REQUESTER               BRANCH   REVIEWER         INIT   NUMBER       DATE        DATE        DATE       REQ DATE      DATE

LWR2   R. BAER                 CSB      ELTAWILA         FXE     00344    08-06-75                              03-07-78
                               SSPB     BERGGREN         JXB

  REMARKS: NOT ACCEPTED FOR REFERENCING UNTIL THREE MAJOR AREAS IDENTIFIED IN LETTER OF 3-7-78 ARE RESOLVED.
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  RI SYM: BN-TOP-4  (NP)                           SUBMIT DATE: 08-05-76     CONCLUSION: ACCEPTED        LETTER TO IND ORG: 02-23-79
  TAC #: 04271
  TITLE: SUBCOMPARTMENT PRESSURE AND TEMPERATURE TRANSIENT ANALYSIS

  REMARKS: APPROVED FOR REFERENCING, BUT PLANT DEPENDENT INFO ON INPUT TO CODE MUST BE PROVIDED.
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  RI SYM: BP-TOP-1  (NP)                           SUBMIT DATE: 02-03-76     CONCLUSION: ACCEPTED        LETTER TO IND ORG: 09-29-76
  TAC #: 00558
  TITLE: SEISMIC ANALYSIS OF PIPING SYSTEMS, REV. 3

  REMARKS: REPORT ACCEPTABLE FOR REFERENCE UPON SUBMITTAL OF REV., INCL. NRC LTR. 9/29/76.
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  RI SYM: BQ-TOP-1  (NP)                           SUBMIT DATE: 04-23-79     CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-16-80
  TAC #: 00813
  TITLE: BECHTEL QUALITY ASSURANCE PROGRAM FOR NUCLEAR POWER PLANTS - REV. 3A

  REMARKS:
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TOPICAL REPORT STATUS

INDUSTRY ORGANIZATION: BLACK AND VEATCH

RI SYM: BVTR-1-0A (NP)
TAC #: 09192
SUBMIT DATE: 02-20-79
CONCLUSION: ACCEPTED
LETTER TO IND ORG: 01-31-80
TITLE: BLACK & VEATCH QUALITY ASSURANCE PROGRAM DESCRIPTION

REMARKS:

TOPICAL REPORT STATUS

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| INDUSTRY ORGANIZATION: BROWN & ROOT                                |
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  RI SYM: B-&-R-002A  (NP)                    SUBMIT DATE: 09-00-77    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 01-11-78
  TAC #: 09095
  TITLE: QA PROGRAM FOR NUCLEAR POWER PLANTS - REV. 3

  REMARKS:
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  RI SYM: BR&ROOT-001  (NP)                   SUBMIT DATE: 06-18-75    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 09-21-76
  TAC #: 01671
  TITLE: ANALYSIS OF TORNADO GENERATED MISSILES

  REMARKS: REQUESTED ADDITIONAL INFO. 11-6-75; WITHDRAWN PER 9/21/76 TELEPHONE CALL
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: BURNS AND ROE, INC. |

RI SYM: B&ROE-COM4-1-NP (NP) SUBMIT DATE: 08-29-80 CONCLUSION: ACCEPTED LETTER TO IND ORG: 10-02-80
TAC #: 09156
TITLE: NUCLEAR QUALITY ASSURANCE MANUAL - REV. 2

REMARKS:

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BEST DOCUMENT AVAILABLE

| INDUSTRY ORGANIZATION: BYRON JACKSON & BORG WARNER CORP. |

RI SYN: BJNPQ-101 (NP)

TITLE: PERFORMANCE & SAFETY FEATURES OF THE BYRON JACKSON PRIMARY REACTOR COOLANT PUMP FOR LWRS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	BURWELL	MTEB	SELLERS	CDS	04902	04-07-78				
		ASB	PARR	ODP						07-17-81
		MEB	BRAMMER	HLB						
		SSPB	BERGGREN	JXB						

REMARKS: APPENDIX BJNPQ-201, 202, & 203.

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BEST DOCUMENT AVAILABLE

| INDUSTRY ORGANIZATION: C. F. BRAUN |

RI SYM: BR-TR-21A (NP)
TAC #: 09022
TITLE: QA PROGRAM - AMENDMENT 5A

SUBMIT DATE: 07-07-80
CONCLUSION: ACCEPTED
LETTER TO IND ORG: 07-16-80

REMARKS:

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BEST DOCUMENT AVAILABLE

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                    | INDUSTRY ORGANIZATION: CHEM-NUCLEAR SYSTEMS, INC.            |
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  RI SYM: CNSI-1  (P),     (NP)                  SUBMIT DATE: 07-20-79    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 12-08-81
  TAC #: 05281
  TITLE: CHEM-NUCLEAR SYSTEMS SOLIFICATION SYSTEM TOPICAL REPORT

  REMARKS: WITHHOLDING APPROVED 12/5/79; PREVIOUSLY IDENTIFIED AS SD-AD-001
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   RI SYM: CNSI-2  (NP)

  TITLE: TR "CSNI CEMENT SOLIDIFICATION SYSTEMS, INC."

REQ                          REVIEW                       REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH    REVIEWER           INIT   NUMBER      DATE        DATE        DATE      REQ DATE      DATE

SSFB   BERGGREN              SSPB      BERGGREN           JXB     47362    11-09-81

  REMARKS:
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BEST DOCUMENT AVAILABLE

RI SYM: CEN-50 (P), CEN-50 (NP) SUBMIT DATE: 08-25-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 11-10-77
TAC #: 04514
TITLE: CE BURNABLE POISON IRRADIATION TEST PROGRAM, REV 1

REMARKS: TEST PROGRAM IS FOR BURNABLE POISON RODS FOR 16 X 16 FUEL

RI SYM: CEN-8(A) (P), CEN-8-(A) (NP) SUBMIT DATE: 05-16-75 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 07-15-75
TAC #: 01215
TITLE: COMPARISON OF ANO-2, M.Y. & FT. CALHOUN RCTR. INTERNALS DSGN. PARAMETERS & FLOW INDUCED STRUC. RESP.

REMARKS: ON ANO-2 DOCKET

RI SYM: CENPD-008 (NP) SUBMIT DATE: 01-27-71 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 11-07-73
TAC #: 03808
TITLE: INTHERMIC, A COMPUTER CODE FOR ANALYSIS OF THERMAL MIXING

REMARKS: CODE IS ALSO DESCRIBED IN CENPD-161

RI SYM: CENPD-009 (NP) SUBMIT DATE: 01-27-71 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 11-07-73
TAC #: 03812
TITLE: COSMO IV, A THERMAL AND HYDRAULIC STEADY STATE DESIGN CODE FOR WATER COOLED REACTORS

REMARKS: CODE IS ALSO DESCRIBED IN CENPD-161

RI SYM: CENPD-026 (P), CENPD-026 (NP) SUBMIT DATE: 11-05-71 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-18-71
TAC #: 03811
TITLE: DESCRIPTION OF COMBUSTION ENGINEERING LOSS OF COOLANT CALCULATIONAL PROCEDURES, SUPPL. #1, SUPPL. #2

REMARKS: APPROVED AS PART OF INTERIM ACCEPTANCE CRITERIA

RI SYM: CENPD-042 (P), CENPD-042 (NP) SUBMIT DATE: 08-31-72 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-05-73
TAC #: 03809
TITLE: DYNAMIC ANALYSIS OF REACTOR VESSEL INTERNALS UNDER LOSS-OF-COOLANT ACCIDENT CONDITIONS

REMARKS: MAY BE REFERENCED WITH RESERVATIONS

RI SYM: CENPD-055 (P), CENPD-055 (NP) SUBMIT DATE: 06-05-72 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-29-73
TAC #: 03807
TITLE: ANALYSIS OF FLOW INDUCED VIBRATIONS: MAINE YANKEE PRECRITICAL VIBRATION MONITORING PROGRAM

REMARKS:

RI SYM: CENPD-061 (NP) SUBMIT DATE: 12-15-72 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-15-74
TAC #: 00874
TITLE: SEISMIC QUALIFICATION OF CATEGORY I ELECTRIC EQUIPMENT FOR NSSS

REMARKS:

TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: COMBUSTION ENGINEERING |

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RI SYM: CENPD-067 (P), CENPD-067 (NP) SUBMIT DATE: 08-26-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 05-07-76
TAC #: 00657
TITLE: IODINE DECONTAMINATION FACTORS DURING PWR STEAM GENERATION & STEAM VENTING, SUPPL. 2, REVISION 1, ADDENDUM 1

REMARKS:

RI SYM: CENPD-085 (P), CENPD-085 (NP) SUBMIT DATE: 03-15-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 03-27-75
TAC #: 00400
TITLE: ANALYSIS OF FLOW INDUCED VIBRATIONS: FORT CALHOUN PRECRITICAL VIBRATION MONITORING PROGRAM, SUPPLS. 1 & 2

REMARKS:

RI SYM: CENPD-089 (NP) SUBMIT DATE: 03-16-73 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 06-15-73
TAC #: 00416
TITLE: GROWTH CONSIDERATIONS FOR LARGE HYPOTHETICAL CRACKS IN NUCLEAR REACTOR COOLANT PIPING

REMARKS:

RI SYM: CENPD-093 (P), CENPD-093 (NP) SUBMIT DATE: 06-01-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 04-04-74
TAC #: 00506
TITLE: MAINE YANKEE PRECRITICAL VIBRATION MONITORING PROGRAM

REMARKS:

RI SYM: CENPD-098 (NP) SUBMIT DATE: 06-21-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-04-74
TAC #: 00646
TITLE: COAST CODE DESCRIPTION, AMEND. 1

REMARKS:

RI SYM: CENPD-107 (P), CENPD-107 (NP)

TITLE: CESEC-DIGITAL SIMULATION OF A C-E NSSS, SUPPLS. 1, 2, 3, 4, 5, 6

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR3	D. TIPPITTS	SSPB	BERGGREN	JXB	01142	06-30-76			02-04-77	
		RSB	GUTTMANN	JZG						

REMARKS: CE TO SUBMIT COMPARISON OF CESEC & PLANT TRANSIENTS BY 3/79, NO RECEIVED AS OF 1/80.

RI SYM: CENPD-118 (P), CENPD-118 (NP) SUBMIT DATE: 09-03-74 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 12-04-74
TAC #: 01149
TITLE: DENSIFICATION OF CE FUEL

REMARKS: SEP. REVIEW NOT REQUIRED AS SUMMARIES OF DATA RELEVANT TO FUEL EVALUATION MODEL REPROD. IN CENPD-139

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RI SYM: CENPD-132 (P), CENPD-132 (NP) SUBMIT DATE: 08-26-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-09-75
TAC #: 01148
TITLE: CALCULATIONAL METHODS FOR THE CE LARGE BREAK LOCA EVALUATION MODEL, (VOLS. 1-2), SUPPL. 1, SUPPL. 2, FOR ECCS ONLY

REMARKS: CENPD-132 THROUGH SUPPLEMENT NO 2 IS APPROVED FOR ECCS ANALYSIS

RI SYM: CENPD-133 (P), CENPD-133 (NP) SUBMIT DATE: 02-18-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-27-77
TAC #: 01147
TITLE: CEFLASH A FROTRAN IV DIGITAL CMPTR. PROG. FOR RCTR. BLOWDOWN ANALY., REV. 1, SUPPL. 1, (MOD.), SUPPL. 3 FOR ECCS ONLY

REMARKS: THIS ENTRY IS FOR REVIEW OF SUPPLEMENT 3 TO CENPD-133 FOR USE IN ECCS EVALUATION

RI SYM: CENPD-133-P (P), CENPD-133 (NP)

TITLE: CEFLASH-4A FORTRAN-IV DIGITAL COMPUTER PROGRAM FOR REACTOR BLOWDOWN ANALYSIS--SUPPLEMENT 4

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	D L TIBBITTS	RSB	LAUBEN	NGL	04653	07-20-77	01-01-78			
		SSPB	BERGGREN	JXB						

REMARKS: FOR USE IN ECCS EVAL; MODEL CHANGES DESCRIBED IN SUPPLS 1, 2 ACCEPTABLE 6/13/75, SUPPL 3 ACCEPTABLE 9/27/77.

RI SYM: CENPD-134 (P), CENPD-134 (NP) SUBMIT DATE: 03-13-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-13-75
TAC #: 01151
TITLE: COMPERC-II: A PROGRAM FOR EMERGENCY REFILL - REFLOOD OF THE CORE (MODIFICATIONS), SUPPL. 1 FOR ECCS ONLY

REMARKS: FOR USE IN ECCS EVALUATION

RI SYM: CENPD-135 (P), CENPD-135 (NP) SUBMIT DATE: 05-17-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-06-78
TAC #: 01153
TITLE: STRIKIN-II, CYLINDRICAL GEOMETRY FUEL ROD HEAT TRANSFER PROGRAM, SUPPLS, 1,2,3,4,5

REMARKS: CENPD-135 THRU SUPPL 5 ACCEPTED FOR USE IN ECCS MODEL

RI SYM: CENPD-136 (P), CENPD-136 (NP) SUBMIT DATE: 08-19-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-13-75
TAC #: 01150
TITLE: HIGH TEMPERATURE PROPERTIES OF ZIRCALOY AND UO2 FOR USE IN THE CE LOCA EVALUATION MODULE FOR ECCS ONLY

REMARKS: ACCEPTABLE ONLY FOR USE IN ECCS EVALUATION

RI SYM: CENPD-137 (P), CENPD-137 (NP) SUBMIT DATE: 02-18-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-27-77
TAC #: 01154
TITLE: CALCULATIVE METHODS FOR THE C-E SMALL BREAK LOCA EVALUATION MODEL, SUPPLEMENT NO. 1

REMARKS: ACCEPTABLE ONLY FOR USE IN ECCS EVALUATION

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  RI SYM: CENPD-138  (P), CENPD-138  (NP)        SUBMIT DATE: 03-13-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-10-78
  TAC #: 01155
  TITLE: PARCH, A FORTRAN DIG. CMPTR. PROG. TO EVAL. POOL BOILING AXIAL ROD & COOLANT HEATUP (MOD.), SUPPL. 1 FOR ECCS ONLY

  REMARKS: VERSION OF PARCH WITH MODIFICATIONS DESCRIBED IN SUPPL. 2 IS ONLY VERSION ACCEPTABLE FOR ECCS CALCULATIONS
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  RI SYM: CENPD-139A  (P), CENPD-139A  (NP)      SUBMIT DATE: 09-25-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-04-74
  TAC #: 01152
  TITLE: C-E FUEL EVALUATION MODEL

  REMARKS:
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  RI SYM: CENPD-140A  (NP)                       SUBMIT DATE: 10-09-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-14-76
  TAC #: 00988
  TITLE: DESCRIPTION OF THE CONTRANS CODE FOR CONTAINMENT PRESSURE AND TEMPERATURE ANALYSIS, AMEND. 1, AMEND. 2, AMEND. 3

  REMARKS: MEETING HELD 9/12/75 WITH C-E TO DISCUSS HEAT TRANSFER ANALYSIS USED IN CONTRANS
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  RI SYM: CENPD-141  (NP)                        SUBMIT DATE: 03-08-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 01-05-77
  TAC #: 00986
  TITLE: DESCRIPTION OF THE DDIFF CODE FOR CONTAINMENT SUBCOMPARTMENT PRESSURE ANALYSIS, AMENDMENT 3, REV. 1

  REMARKS:
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  RI SYM: CENPD-145  (P), CENPD-145  (NP)        SUBMIT DATE: 07-08-77    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 05-16-80
  TAC #: 01618
  TITLE: INCA A METHOD OF ANALYZING IN-CORE DETECTOR DATA IN POWER REACTORS

  REMARKS: SUPERCEDED BY CENPD-153 LTR DATED MAY 16, 1980
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   RI SYM: CENPD-148  (NP)

  TITLE: REVIEW OF REACTOR SHUTDOWN SYSTEM (PPS DESIGN) FOR COMMON MODE FAILURE SUSCEPTIBILITY

REQ                          REVIEW                      REV     TAC        SUBMIT     REQ TARG    EST COMP    ADD INFO     REV COMP
ORG    REQUESTER             BRANCH    REVIEWER          INIT    NUMBER      DATE        DATE        DATE      REQ DATE       DATE

LWR3   D. TIBBITTS           SSPB      BERGGREN          JXB     01208     09-27-74

  REMARKS: PART OF C-E ATWS - NO FUTURE WORK SCHEDULED ON THIS TOPICAL.
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  RI SYM: CENPD-153A  (P), CENPD-153A  (NP)      SUBMIT DATE: 05-16-80    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 07-02-80
  TAC #: 01350
  TITLE: INCA/CECOR POWER PEAKING UNCERTAINTY

  REMARKS: SUPERCEDES CENPD-145(P)
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                                   | INDUSTRY ORGANIZATION: COMBUSTION ENGINEERING               |
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   RI SYM: CENPD-155A  (P), CENPD-155A  (NP)        SUBMIT DATE: 10-08-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-15-75
   TAC #: 01191
   TITLE: CE PROCEDURE F/DSGN., FAB., INSTAL., & INSPECT.-SURVEIL. SPEMN. BRACKETS ATTACHED TO RCTR. VES. BELTLINE REGN.

   REMARKS: ACCEPTABLE FOR REFERENCE IN SAR'S OF PLANTS CURRENTLY BEING CONSTRUCTED AND FUTURE PLANTS.
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    RI SYM: CENPD-158  (NP)

   TITLE: ANTICIPATED TRANSIENTS WITHOUT REACTOR TRIP, SUPPLS. 1,2,3,4, REV. 1, REV. 1 SUPPL. 1

REQ                          REVIEW                        REV     TAC       SUBMIT     REQ TARG     EST COMP     ADD INFO     REV COMP
ORG    REQUESTER             BRANCH    REVIEWER            INIT    NUMBER     DATE        DATE         DATE       REQ DATE       DATE

LWR3   D. TIBBITTS           SSPB      BERGGREN            JXB     01207    06-30-76                              03-04-75

   REMARKS: PART OF CE ATWS
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   RI SYM: CENPD-161  (P), CENPD-161  (NP)          SUBMIT DATE: 05-10-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 09-14-76
   TAC #: 01744
   TITLE: TORC - A COMPUTER CODE FOR DETERMINING THE THERMAL MARGIN OF A REACTOR CORE, AMENDMENT NO 1P

   REMARKS:
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   RI SYM: CENPD-162A  (P), CENPD-162A  (NP)        SUBMIT DATE: 01-28-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-05-76
   TAC #: 01619
   TITLE: CRITICAL HEAT FLUX CORRELATION FOR C-E FUEL ASSEMBLIES WITH STD. SPACER GRIDS, PT. 1 UNIFORM AXIAL PWR. DIST.

   REMARKS: SUPPLEMENT 1A SUBMITTED 4/12/77.
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   RI SYM: CENPD-168  (NP)                          SUBMIT DATE: 08-25-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-05-77
   TAC #: 01855
   TITLE: DESIGN BASIS PIPE BREAKS FOR THE COMBUSTION ENGINEERING TWO LOOP REACTOR COOLANT SYSTEM, REV. 1

   REMARKS: REV. 1 DATED 9/76.
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   RI SYM: CENPD-169  (P), CENPD-169  (NP)          SUBMIT DATE: 08-29-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-05-79
   TAC #: 01856
   TITLE: ASSESSMENT OF THE ACCURACY OF PWR OPERATION LIMITS AS DETERMINED BY CORE OPERATING LIMIT SUPERVISORY SYSTEM

   REMARKS:
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   RI SYM: CENPD-170  (P), CENPD-170  (NP)          SUBMIT DATE: 08-01-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 01-25-78
   TAC #: 01796
   TITLE: ASSESSMENT OF ACCURACY OF PWR SAFETY SYSTEM ACTUATION AS PERFORMED BY THE CPC'S, SUPPLEMENT 1P

   REMARKS: REVIEW OF REPORT CARRIED OUT ON ANO-2 DOCKET, SER ON ANO-2 CONTAINS EVALUATION OF CENPD 170
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                              | INDUSTRY ORGANIZATION: COMBUSTION ENGINEERING             |
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  RI SYM: CENPD-172A  (NP)                   SUBMIT DATE: 12-15-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 09-23-77
  TAC #: 01426
  TITLE: PLANT PROTECTION SYSTEM WITH INTEGRATED AUTOMATIC TEST SYSTEM

  REMARKS: PRELIMINARY DESIGN IS ACCEPTABLE ALTERNATIVE TO CESSAR 80 PPS
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  RI SYM: CENPD-177  (P), CENPD-177  (NP)    SUBMIT DATE: 11-02-76    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 06-23-80
  TAC #: 04356
  TITLE: CEDNBR - A COMPUTER CODE FOR TRANSIENT THERMAL MARGIN ANALYSIS OF A REACTOR CORE

  REMARKS:
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   RI SYM: CENPD-178  (P), CENPD-178  (NP)

  TITLE: STRUCTURAL ANALYSIS OF FUEL ASSEMBLIES FOR SEISMIC AND LOSS OF COOLANT ACCIDENT LOADING REV1

REQ                          REVIEW                     REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH    REVIEWER         INIT   NUMBER     DATE        DATE        DATE      REQ DATE      DATE

LWR2   D. TIBBITTS           SSPB      BERGGREN         JXB    04278    08-21-81               09-30-81    08-15-79
                             CPB       GUPTA            RCG

  REMARKS: REV 1 DATED AUGUST 1981 SUBMITTED 8/21/81 IN RESPONSE TO NRC REQUEST
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   RI SYM: CENPD-180  (P), CENPD-180  (NP)

  TITLE: RADIO-IODINE BEHAVIOR IN REACTOR COOLANT SYSTEM DURING TRANSIENT OPERATIONS, SUPPLEMENT NO. 1.

REQ                          REVIEW                     REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH    REVIEWER         INIT   NUMBER     DATE        DATE        DATE      REQ DATE      DATE

LWR3   D. TIBBITTS           SSPB      BERGGREN         JXB    03921    05-02-77                           08-25-76

  REMARKS: REVIEW TRANSFERRED TO ETSB
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  RI SYM: CENPD-181  (P), CENPD-181  (NP)    SUBMIT DATE: 05-29-75    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 02-25-76
  TAC #: 01638
  TITLE: IMPROVED SHUTDOWN SYSTEM FOR ANTICIPATED TRANSIENTS WITHOUT SCRAM, CLASS A PLANTS

  REMARKS: TOPICAL REPORT WAS WITHDRAWN BY CE BY LETTER DATED 02/25/76
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| INDUSTRY ORGANIZATION: COMBUSTION ENGINEERING |

RI SYM: CENPD-182 (NP)

TITLE: SEISMIC QUALIFICATION OF C-E INSTRUMENTATION AND ELECTRIC EQUIPMENT, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	D. TIBBITTS	SEPB	CHEN	PYC	03344	06-30-77			04-00-78	
		SSPB	BERGGREN	JXB						

REMARKS:

RI SYM: CENPD-183 (NP)

TITLE: C-E METHODS FOR LOSS OF FLOW ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	D. TIBBITTS	CPB	HSII	YBH	01870	06-24-80			02-18-76	
		SSPB	BERGGREN	JXB				09-30-81		
		CPB	PHILLIPS	LEP						

REMARKS: AMENDMENT 1 DELETES REFERENCE TO WITHDRAWN CENPD-177

RI SYM: CENPD-185A (P), CENPD-185A (NP) SUBMIT DATE: 07-09-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 10-30-75
TAC #: 01745
TITLE: LOCA RUPTURE BEHAVIOR OF 16 X 16 ZIRCALOY CLADDING

REMARKS:

RI SYM: CENPD-187A (P), CENPD-187A (NP) SUBMIT DATE: 10-08-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 02-10-76
TAC #: 01639
TITLE: CEPAN - METHOD OF ANALYZING CREEP COLLAPSE OF OVAL CLADDING, SUPPL 1

REMARKS:

RI SYM: CENPD-188 (NP) SUBMIT DATE: 04-20-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-10-76
TAC #: 03907
TITLE: HERMITE - A MULTI-DIMENSIONAL SPACE-TIME KINETICS CODE FOR PWR TRANSIENTS

REMARKS:

RI SYM: CENPD-190A (NP) SUBMIT DATE: 01-21-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-10-76
TAC #: 03339
TITLE: C-E METHOD FOR CONTROL ELEMENT ASSEMBLY EJECTION ANALYSIS

REMARKS:

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                                  | INDUSTRY ORGANIZATION: COMBUSTION ENGINEERING             |
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  RI SYM: CENPD-191  (NP)                         SUBMIT DATE: 03-05-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 06-24-76
  TAC #: 03656
  TITLE: RT-NDT SHIFT WITH IRRADIATION FOR SYSTEM 80 REACTOR VESSEL MATERIALS

  REMARKS:
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  RI SYM: CENPD-198  (P), CENPD-198  (NP)         SUBMIT DATE: 11-09-79    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 08-21-79
  TAC #: 03338
  TITLE: IN-REACTOR DIMENSIONAL CHANGES IN ZIRCALOY-4 FUEL ASSEMBLIES, SUPPLEMENT 1 AND 2

  REMARKS:
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   RI SYM: CENPD-199  (P), CENPD-199  (NP)

  TITLE: SETPOINT METHODOLOGY - C-E LOCAL POWER DENSITY AND LSSS AND LCO SETPOINT METHODOLOGY FOR ANALOG PROTECTION SYSTEMS

REQ                           REVIEW                     REV     TAC       SUBMIT      REQ TARG     EST COMP     ADD INFO     REV COMP
ORG    REQUESTER              BRANCH    REVIEWER         INIT    NUMBER    DATE        DATE         DATE         REQ DATE     DATE

LWR3   D. TIBBITTS            ADPS      KAPO             PSK     03912     04-27-76
                              SSPB      BERGGREN         JXB
                              CPB       KOPP             LIK

  REMARKS:
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  RI SYM: CENPD-201A  (NP)                        SUBMIT DATE: 01-22-81    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 02-04-76
  TAC #: 01817
  TITLE: PERFORMANCE OF C-E SYSTEM 80 REACTOR COOLANT PUMP WITH LOSS OF COMPONENT COOLING WATER

  REMARKS: RC'D CENPD 201A SUPPL 1 DATED 1/22/81
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  RI SYM: CENPD-206A  (P), CENPD-206A  (NP)       SUBMIT DATE: 02-01-77    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-11-80
  TAC #: 04466
  TITLE: TORC CODE--VERIFICATION AND SIMPLIFIED MODELING METHODS, SUPPLEMENT 1

  REMARKS: RECEIVED ACCEPTED VERSIONS A-P&A-NP. NO FEE PER/77 SUBMITTAL
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   RI SYM: CENPD-207  (P), CENPD-207  (NP)

  TITLE: C-E CRITICAL HEAT FLUX-CRITICAL HEAT FLUX CORRELATION FOR C-E FUEL ASSEMBLIES WITH STD. SPACER GRIDS-PART 2-NONUNIFORM..

REQ                           REVIEW                     REV     TAC       SUBMIT      REQ TARG     EST COMP     ADD INFO     REV COMP
ORG    REQUESTER              BRANCH    REVIEWER         INIT    NUMBER    DATE        DATE         DATE         REQ DATE     DATE

LWR2   D. TIBBITTS            SSPB      BERGGREN         JXB     04225     07-15-76                 09-30-81
                              CPB       HSII             YBH
                              RSB       HODGES           MWH

  REMARKS:
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                                  | INDUSTRY ORGANIZATION: COMBUSTION ENGINEERING          |
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  RI SYM: CENPD-210A  (NP)                        SUBMIT DATE: 11-00-77    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 11-16-77
  TAC #: 09098
  TITLE: CENPD 210 COMBUSTION ENGINEERING-QA PROGRAM, REV. 3

  REMARKS:
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   RI SYM: CENPD-212  (NP)

  TITLE: INSTRUMENT QUALIFICATION-ENVIRONMENTAL QUALIFICATION OF C-E INSTRUMENTATION EQUIPMENT, PARTS ONE AND TWO

REQ                               REVIEW                     REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER          INIT   NUMBER     DATE        DATE        DATE      REQ DATE      DATE

LWR2   D TIBBITTS                 SSPB     BERGGREN          JXB     04685   08-30-77

  REMARKS:
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  RI SYM: CENPD-213  (P), CENPD-213  (NP)         SUBMIT DATE: 03-24-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 08-02-76
  TAC #: 03345
  TITLE: APPLICATION OF FLECHT REFLOOD HEAT TRANSFER COEFFICIENTS TO C-E 16X16, SUPPL 1

  REMARKS: ACRS SUB-COMMITTEE REVIEWED MODEL CHANGE ON 6/17/76.
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   RI SYM: CENPD-225  (P), CENPD-225  (NP)

  TITLE: FUEL & POISON PIN BOWING, SUPPLS 1,2,3

REQ                               REVIEW                     REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER          INIT   NUMBER     DATE        DATE        DATE      REQ DATE      DATE

LWR2   D. TIBBITTS                CPB      BALUKJIAN         HYB     04398   10-23-81    04-15-77                11-17-81
                                  CPB      PHILLIPS          LEP
                                  CPB      POWERS            DAP                                     06-01-82
                                  SSPB     BERGGREN          JXB

  REMARKS: REC'D COMPLETE RESPONSE TO REQ #1 FOR INFO 11/2/81. REQ #2 FOR ADD INFO ISS 11/17/81 WITHHOLDING APPR 9/18/78
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                         T O P I C A L   R E P O R T   S T A T U S

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                   | INDUSTRY ORGANIZATION: COMBUSTION ENGINEERING       |
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  RI SYM: CENPD-228  (P), CENPD-228  (NP)

 TITLE: THERM: A THERMAL-HYDRAULIC EMERGENCY REFLOOD MODEL

REQ                            REVIEW                 REV    TAC      SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER               BRANCH   REVIEWER      INIT   NUMBER    DATE       DATE       DATE     REQ DATE     DATE

LWR2   D. TIBBITTS             RSB      LAUBEN        NGL    04502    02-15-77                        07-27-81
                               SSPB     BERGGREN      JXB
                               CPB      SUN           SES

 REMARKS: REQ #1 FOR ADD INFO 7/27/81
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 RI SYM: CENPD-252A  (P), CENPD-252A  (NP)      SUBMIT DATE: 10-20-78    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 02-12-79
 TAC #: 04788
 TITLE: BLOWDOWN ANALYSIS METHODS - METHOD FOR ANALYSIS OF BLOWDOWN INDUCED FORCES IN A REACTOR VESSEL

 REMARKS: NRC LETTER DATED 2-28-79 CORRECTS TWO ITEMS IN ORIGINAL (2-12-79) LETTER.
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 RI SYM: CENPD-254A  (P), CENPD-254A  (NP)      SUBMIT DATE: 08-22-77    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 07-30-79
 TAC #: 04674
 TITLE: POST-LOCA LONG TERM COOLING EVALUATION MODEL

 REMARKS: REC'D ACCEPTED CENPD254 P&NP VERSIONS
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  RI SYM: CENPD-255  (NP)

 TITLE: IE--QUALIFICATION--QUALIFICATION OF CLASS IE INSTRUMENTATION REV. 1

REQ                            REVIEW                 REV    TAC      SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER               BRANCH   REVIEWER      INIT   NUMBER    DATE       DATE.      DATE     REQ DATE     DATE

SSPB   BERGGREN                EQB      KENNEDY       JGK    04722    07-03-80
                               SSPB     BERGGREN      JXB                                  09-30-81

 REMARKS:
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 RI SYM: CENPD-256A  (P), CENPD-256A  (NP)      SUBMIT DATE: 08-26-77    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 11-10-77
 TAC #: 04688
 TITLE: LICENSING SUBMITTAL TO NRC FOR THE IRRADIATION OF TEST RODS IN A 16 X 16 NUCLEAR REACTOR

 REMARKS:
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                          | INDUSTRY ORGANIZATION: COMBUSTION ENGINEERING       |
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  RI SYM: CENPD-266-P  (P), CENPD-266-NP  (NP)

 TITLE: TR"THE ROCS AND DIT COMPUTER CODES FOR NUCLEAR DESIGN

REQ                          REVIEW                   REV    TAC      SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG   REQUESTER              BRANCH   REVIEWER        INIT   NUMBER   DATE      DATE       DATE       REQ DATE   DATE

SSPB  BERGGREN               SSPB     BERGGREN        JXB    47469    12-11-81

 REMARKS: REVIEW, COMMENT AND PREPARE SER
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  RI SYM: CENPD-81-095(P)  (P), CENPD-81-095(NP)

 TITLE: TR"C.E. ECCS EVALUATION MODEL FLOW BLOCKAGE ANALYSIS

REQ                          REVIEW                   REV    TAC      SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG   REQUESTER              BRANCH   REVIEWER        INIT   NUMBER   DATE      DATE       DATE       REQ DATE   DATE

SSPB  BERGGREN               CPB      POWERS          DAP    47459    12-15-81
                             SSPB     BERGGREN        JXB

 REMARKS: REVIEW & PREPARE SER
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| INDUSTRY ORGANIZATION: COMMONWEALTH EDISON CO. |

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RI SYM: CE-1-A  (HP)                SUBMIT DATE: 08-06-81    CONCLUSION: ACCEPTED      LETTER TO IND ORG: 08-20-81
TAC #: 09037
TITLE: CECO-QUALITY ASSURANCE PROGRAM FOR NUCLEAR GENERATING STATIONS - REV 19

REMARKS:
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BEST DOCUMENT AVAILABLE

TOPICAL REPORT STATUS

INDUSTRY ORGANIZATION: CONSUMERS POWER COMPANY

RI SYM: CPC-1-A (NP)

TITLE: QA PROGRAM MANUAL FOR NUCLEAR POWER PLANTS--REV 10

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
QAB	HAASS	QAB	CONWAY	JTC	09028	12-01-81		02-05-82		

REMARKS:

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| INDUSTRY ORGANIZATION: COORDINATING AGENCY FOR SUPPLIER EV |

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RI SYM: CASE-TR-1  (NP)              SUBMIT DATE: 01-15-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 06-23-78
TAC #: 09077
TITLE: TOPICAL REPORT FOR COORDINATING AGENCY FOR SUPPLIER EVALUATION - REV. 1-A

REMARKS:
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BEST DOCUMENT AVAILABLE

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               | INDUSTRY ORGANIZATION: CVI                              |
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  RI SYM: CVI-TR-7301  (NP)                     SUBMIT DATE: 02-28-75   CONCLUSION: ACCEPTED       LETTER TO IND ORG: 04-30-75
  TAC #: 01123
  TITLE: DESIGN AND DEVELOPMENT OF THE HIGH EFFICIENCY CHARCOAL ADSORBER AND ITS APPLICATION IN ESF ATMOSPHERE CLEANUP SYSTEMS

  REMARKS:
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   RI SYM: CVI-TR-742  (NP)

  TITLE: CVI CORP-REPORT A-742-EI2 HIGH EFFICIENCY CHARCOAL ABSORBER AND STAND BY GAS TREATMENT SYSTEM

REQ                          REVIEW                    REV    TAC       SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG   REQUESTER              BRANCH  REVIEWER          INIT   NUMBER    DATE      DATE       DATE       REQ DATE   DATE

DOSI  J. HENDRIE             TMIP    COLLINS           JXC    00252                                                12-18-75

  REMARKS:
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| INDUSTRY ORGANIZATION: DOW CHEMICAL                         |
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RI SYM: DNS-RSS-001A  (P), DNS-RSS-001A  (NP)   SUBMIT DATE: 03-17-78    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 06-19-80
TAC #: 04852
TITLE: DOW SYSTEM SOLIDIFICATION OF LOW-LEVEL RADWASTE

REMARKS: REC'D DNS-RSS001 A-P & A-NP VERSIONS
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: DUKE POWER |

RI SYM: DUKE-1A (NP) SUBMIT DATE: 03-30-81 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-14-81
TAC #: 09002
TITLE: DUKE POWER COMPANY - QUALITY ASSURANCE PROGRAM --AMENDMENT 5

REMARKS:

RI SYM: DUKE-1B (NP)

TITLE: QUALITY ASSURANCE PROGRAM--OPERATIONS--AMENDMENT 5

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
QAB	HAASS	QAB	SPRAUL	JGS	09001	03-30-81		06-30-81		

REMARKS:

| INDUSTRY ORGANIZATION: EBASCO SERVICES |

RI SYM: ETR-1001 (NP)

TITLE: EBASCO NUCLEAR QUALITY ASSURANCE PROGRAM - REV 9

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
QAB	HAAS	SSPB	BERGGREN	JXB	09006	10-22-80		06-30-81		

REMARKS:

RI SYM: ETR-1002 (NP)

TITLE: DESIGN CONSIDERATIONS FOR THE PROTECTION FROM THE EFFECTS OF PIPE RUPTURE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	SSPB CSB	BERGGREN BUTLER	JXB WRB	03056	11-12-75			11-09-77	

REMARKS: NOT UNDER ACTIVE REVIEW.

RI SYM: ETR-1003 (NP)

TITLE: VELOCITIES OF TORNADO GENERATED MISSILES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	SSPB	BERGGREN	JXB	01458	08-22-75			06-29-76	

REMARKS: AWAITING ANSWERS TO OUTSTANDING QUESTIONS.

TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: ECOLAIRE CONDENSER INC. |

RI SYM: IR-100 (P), IR-100 (NP)

TITLE: ORIENTED SPRAY COOLING SYSTEM FOR ULTIMATE HEAT SINK APPLICATION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
DPM	R. BIRKEL	SSPB	BERGGREN	JXB	04473	02-08-77				

REMARKS: ECOLAIRE ASKED DETAILED QUESTIONS REGARDING STAFF RAI. WE RESPONDED ON 1-25-79.

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| INDUSTRY ORGANIZATION: EDERER INCORPORATED |

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RI SYM: EDR-1-A  (P), EDR-1-A  (NP)          SUBMIT DATE: 01-23-79    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 01-02-80
TAC #: 05135
TITLE: EDERER'S NUCLEAR SAFETY RELATED (X-SAM) CRANES

REMARKS:
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INDUSTRY ORGANIZATION: EXXON

RI SYM: XN-CC-21A (NP) SUBMIT DATE: 05-22-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 08-07-75
TAC #: 01713
TITLE: XPOSE: THE EXXON NUCLEAR REVISED LEOPARD, REV 2

REMARKS: REPORT RELATES TO H. B. ROBINSON 2 RELOAD. ACCEPTED VERSION DATED 4/75

RI SYM: XN-CC-28A (NP) SUBMIT DATE: 05-22-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-22-75
TAC #: 01718
TITLE: XTG: A TWO-GROUP THREE-DIMENSIONAL REACTOR SIMULATOR UTILIZING COARSE MESH SPACING, PWR VERSION, REV 3

REMARKS: REPORT RELATES TO H. B. ROBINSON 2 RELOAD. ACCEPTED VERSION DATED 1/75

RI SYM: XN-CC-32A (P), XN-CC-32A (NP) SUBMIT DATE: 09-22-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 08-09-76
TAC #: 01887
TITLE: XTRAN-PWR: A COMPUTER CODE FOR THE CALCULATION OF RAPID TRANSIENTS IN PWRS WITH MODERATOR AND FUEL TEMPERATURE FEEDBACK

REMARKS: ACCEPTED VERSION DATED 10/7/75

RI SYM: XN-CC-33A (NP) SUBMIT DATE: 12-04-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-16-75
TAC #: 01872
TITLE: HUXY: A GENERALIZED MULTIROD HEATUP CODE WITH 10 CFR 50 APPENDIX K HEATUP OPTION USER'S MANUAL, REV. 1

REMARKS: ACCEPTED VERSION DATED 7/28/75

RI SYM: XN-CC-39A (NP) SUBMIT DATE: 07-30-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-30-78
TAC #: 06035
TITLE: ICECON: COMPUTER PROGRAM TO CALC. CONTAINMENT BACK PRESSURE FOR LOCA ANALYSIS (INCLUDE ICE CONDENSER)

REMARKS: ACCEPTED VERSION DATED 9/78

RI SYM: XN-NF-CC-49 (NP) SUBMIT DATE: 07-02-81 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 09-02-81

TITLE: TR"RODEX 2 FUEL ROD THERMAL - MECHANICAL RESPONSE EVALUATION CODE"

REMARKS: SUPERSEDED BY XN-NF-81-58, XN-NF-CC-49 WAS DRAFT

RI SYM: XN-NF-1A (NP) SUBMIT DATE: 01-25-80 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-27-80
TAC #: 09152
TITLE: QA PROGRAM TOPICAL REPORT FOR NUCLEAR FUEL DESIGN AND FABRICATION, REV. 3

REMARKS:

| INDUSTRY ORGANIZATION: EXXON |

RI SYM: XN-NF-512 (NP)

TITLE: XN-3 CRITICAL POWER CORRELATION, REV 1, SUPPL 1 ADDITIONAL INFORMATION REQUESTED BY NRC STAFF

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ORB3	HANNON	SSPB CPB	BERGGREN GUPTA	JXB SBG	12027	04-03-81		09-30-81	05-09-80	

REMARKS: RECD REV 1 TO PROPRIETARY & NON-PROPRIETARY VERSIONS; SUPPL 1 DATED 12/81

RI SYM: XN-NF-524 (P), XN-NF-524 (NP)

TITLE: TR-EXXON NUCLEAR CRITICAL POWER METHODOLOGY FOR BWR'S

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN HOLONICH	JXB JBH	42274	05-30-80		09-30-81		

REMARKS:

RI SYM: XN-NF-75-27A (P), XN-NF-75-27A (NP) SUBMIT DATE: 04-07-81 CONCLUSION: ACCEPTED LETTER TO IND ORG: 08-17-81
TAC #: 01722
TITLE: TR "EXXON NUCLEAR NEUTRONICS DESIGN METHODS FOR PRESSURIZED WATER REACTORS

REMARKS: ACCEPTED BASIC & SUPPLEMENTS 1, 2, & 3; SUPPL 3 ACCEPTED 8/17/81

RI SYM: XN-NF-75-32 (P), XN-NF-75-32 (NP)

TITLE: COMPUTATIONAL PROCEDURES FOR EVALUATING FUEL ROD BOWING (AXIBOW)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ORB3	LEAR	SSPB	BERGGREN	JXB	01721	06-17-75		09-30-81	06-12-81	

REMARKS: REQUEST NO 1 FOR ADDITIONAL INFORMATION ON SUPPL 1, 2 & 3

RI SYM: XN-NF-77-25A (NP) SUBMIT DATE: 08-30-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-27-78
TAC #: 07055
TITLE: GINNA - ECCS EVAL OF 2-LOOP WESTINGHOUSE PWR W/DRY CONTAINMENT USING WREM-II ECCS MODEL; LARGE BREAK EXAMPLE PROBLEM

REMARKS: ACCEPTED VERSION DTD SEPT 1978

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                               | INDUSTRY ORGANIZATION: EXXON                              |
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  RI SYM: XN-NF-77-57  (P), XN-NF-77-57  (NP)

 TITLE: TR "EXXON NUCLEAR POWER DISTRIBUTION CONTROL FOR PRESSURIZED WATER REACTORS PHASE II SUPPLEMENT 2"

REQ                             REVIEW                     REV    TAC       SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG   REQUESTER                 BRANCH   REVIEWER          INIT   NUMBER    DATE       DATE       DATE       REQ DATE   DATE

SSPB  BERGGREN                  SSPB     BERGGREN          JXB    47058     10-16-81

 REMARKS:
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 RI SYM: XN-NF-77-57A  (NP)                        SUBMIT DATE: 10-16-81   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 03-18-81
 TAC #: 07374
 TITLE: TR"EXXON NUC PWR DISTRIBUTION CTL FOR PRESSURIZED WATER REACTORS PHASE2

 REMARKS: ACCEPTED VERSION "A" DATED MAY 1981
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 RI SYM: XN-NF-78-30A  (NP)                        SUBMIT DATE: 08-15-78   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 03-30-79
 TAC #: 10691
 TITLE: PWR EECS EVALUATION MODEL-WREN II A

 REMARKS: APPROVAL INCLUDES AMENDMENT 1(A)
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  RI SYM: XN-NF-78-44  (NP)

 TITLE: A GENERIC ANALYSIS OF CONTROL ROD EJECTION TRANSIENT FOR PWR'S

REQ                             REVIEW                     REV    TAC       SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG   REQUESTER                 BRANCH   REVIEWER          INIT   NUMBER    DATE       DATE       DATE       REQ DATE   DATE

DOR   HANNON                    CPB      KOPP              LIK    12631     07-20-79                         03-13-81
                                SSPB     BERGGREN          JXB

 REMARKS: REQ NO 1 FOR ADDL INFO 3/13/81
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  RI SYM: XN-NF-79-06  (P), XN-NF-79-06  (NP)

 TITLE: EXXON NUCLEAR ANALYSIS POWER DISTRIBUTION MEASUREMENT UNCERTAINTY FOR WESTINGHOUSE PWR'S JULY 1979, AMEND 1

REQ                             REVIEW                     REV    TAC       SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG   REQUESTER                 BRANCH   REVIEWER          INIT   NUMBER    DATE       DATE       DATE       REQ DATE   DATE

ORB3  HANNON                    SSPB     BERGGREN          JXB    12026     04-02-79                         01-25-80
                                CPB      KOPP              LIK

 REMARKS: REC'D RESPONSE TO QUESTIONS DATED 04/15/80 AMENDMENT 1 PROPRIETARY & NON-PROPRIETARY
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RI SYM: XN-NF-79-56 (P), XN-NF-79-56 (NP)   SUBMIT DATE: 06-09-80   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 10-26-81
TAC #: 42276
TITLE: TR-GADOLINIA FUEL PROPERTIES FOR LWR FUEL SAFETY EVAL, REV1, SUPPL 1

REMARKS:

RI SYM: XN-NF-79-59(P) (P), XN-NF-79-59(NP)

TITLE: TR-METHODOLOGY FOR CALCULATION OF PRESSURE DROP IN BWR FUEL ASSEMBLIES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	42275	05-30-80		09-30-81		
		CPB	HOLONICH	JBH						

REMARKS: REC'D (NP) VERSION 9/19/80

RI SYM: XN-NF-79-71 (P), XN-NF-79-71 (NP)

TITLE: TR "EXXON NUCLEAR PLANT TRANSIENT METHODOLOGY FOR BOILING WATER REACTORS, REV 2"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	42273	05-04-81			10-05-81	
		RSB	AUDETTE	REA						
		CPB	HOLONICH	JBH						

REMARKS: REV2 COMBINES REV1, SUPPL 1&2 & RESP TO RFAI #1 INTO AN INTEGRATED DOC.

RI SYM: XN-NF-80-19 (P), XN-NF-80-19 (NP)

TITLE: TR- "EXXON NUCLEAR METHODOLOGY FOR BWR'S - VOL 1, 2, 2A, 2B & 3"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	CPB	LOIS	LAL	42277	07-06-81			07-17-81	
		RSB	HODGES	MWH						
		RSB	AUDETTE	REA						
		CPB	HOLONICH	JBH						
		CPB	WU	SDW						
		SSPB	BERGGREN	JXB				09-30-81		

REMARKS: REC'D REV 1 TO VOL 2,2A&2B ALL DATED JUNE 81 (PROPRIETARY VERSIONS ONLY)

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                        T O P I C A L   R E P O R T   S T A T U S

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                    | INDUSTRY ORGANIZATION: EXXON                             |
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   RI SYM: XN-NF-80-19-V2  (P),    (NP)

  TITLE: EXXON NUCL METHODOLOGY FOR BOILING WATER REACTORS VOL 2C: VERIFICATION & QUALIFICATION OF EXEM

REQ                            REVIEW                      REV    TAC      SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER               BRANCH    REVIEWER          INIT   NUMBER    DATE         DATE        DATE      REQ DATE      DATE

SSPB   BERGGREN                SSPB      BERGGREN          JXB    46760    07-31-81

  REMARKS: REVIEW COMMENT & PREPARE SER
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  RI SYM: XN-NF-80-56  (P), XN-NF-80-56  (NP)     SUBMIT DATE: 12-01-80    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 11-10-81
  TAC #: 43236
  TITLE: TR "GENERIC MECH, THERM HYDRAULIC & NEUTR DESGN FOR EXXON NUC TOPROD RELD ASSEMBLIES FOR PRESSURIZED WATER REACTORS

  REMARKS: EXCLUDES SUPPLEM 1 ACCEPTANCE INCLUDES APP B & 10/1/81 LTR OUSLEY TO MILLER
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   RI SYM: XN-NF-81-22  (P),     (NP)

  TITLE: "GENERIC STATISTICAL UNCERTAINTY ANALYSIS METHODOLOGY"

REQ                            REVIEW                      REV    TAC      SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER               BRANCH    REVIEWER          INIT   NUMBER    DATE         DATE        DATE      REQ DATE      DATE

SSPB   BERGGREN                SSPB      BERGGREN          JXB    43857    05-04-81                09-30-81    11-17-81
                               CPB       HOLONICH          JBH

  REMARKS: REVIEW, COMMENT & PREPARE SER; REQUEST NO 1 FOR ADDL INFO
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   RI SYM: XN-NF-81-58  (NP)

  TITLE: XN-NF-81-58 TR "RODEX-2 FUEL ROD THERMAL - MECHANICAL RESPONSE EVAL MODEL"

REQ                            REVIEW                      REV    TAC      SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER               BRANCH    REVIEWER          INIT   NUMBER    DATE         DATE        DATE      REQ DATE      DATE

SSPB   BERGGREN                SSPB      BERGGREN          JXB    46955    09-02-81
                               CPB       GUPTA             SBG
                               CPB       WU                SDW
                               CPB       VOGLEWEDE         JCV

  REMARKS: REVIEW, COMMENT & PREPARE SER
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                              T O P I C A L   R E P O R T   S T A T U S

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                              | INDUSTRY ORGANIZATION: EXXON                           |
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   RI SYM: XN-NF-81-71  (P),    (NP)

  TITLE: GENERIC JET-PUMP BWR-3 LOCA ANALYSIS USING THE ENC EXEM EVALUATION MODEL

REQ                           REVIEW                        REV    TAC      SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH   REVIEWER             INIT   NUMBER   DATE       DATE        DATE        REQ DATE    DATE

SSPB   BERGGREN               SSPB     BERGGREN             JXB    47114    10-28-81                           12-01-81

  REMARKS: REVIEW COMMENT & PREPARE SER REQ #1 FOR ADD'L INFO 12/1/81
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   RI SYM: XN-209  (NP)

  TITLE: DENSIFICATION EFFECTS ON EXXON NUCLEAR PRESSURIZED WATER REACTOR FUEL, SUPPL 1, 2, 3, 4 (REV 1)

REQ                           REVIEW                        REV    TAC      SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH   REVIEWER             INIT   NUMBER   DATE       DATE        DATE        REQ DATE    DATE

ORB3   LEAR                   SSPB     BERGGREN             JXB    01086    12-23-74                           04-03-75

  REMARKS: IN HOLD PENDING RESUBMITTAL BY ENC OF SINGLE DOCUMENT INCORPORATING ALL SUPPLEMENTS AND STAFF COMMENTS
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  RI SYM: XN-235  (NP)                           SUBMIT DATE: 11-01-74   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-07-75
  TAC #: 01246
  TITLE: EXXON NUCLEAR EVALUATION MODEL FOR BWR LOSS OF COOLANT ACCIDENTS

  REMARKS:
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  RI SYM: XN-73-34  (NP)                         SUBMIT DATE: 11-01-74   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-23-75
  TAC #: 01245
  TITLE: HUXY: A GENERALIZED MULTIROD HEATUP CODE, REV 2

  REMARKS:
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   RI SYM: XN-74-05  (NP)

  TITLE: DESCRIPTION OF EXXON NUCLEAR PLANT TRANSIENT SIMULATION FOR PRESSURIZED WATER REACTORS, REV 1, SUPPL 1

REQ                           REVIEW                        REV    TAC      SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH   REVIEWER             INIT   NUMBER   DATE       DATE        DATE        REQ DATE    DATE

ORB3   G. LEAR                SSPB     BERGGREN             JXB    03978    05-15-75   09-01-76                01-21-76

  REMARKS: ACCEPT. REVIEW CRIT BEING ESTABLISHED FOR REV OF ACCIDENT ANALYSIS PROGRAMS, SUPPL 1 SUBMITTED 5/13/76
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TOPICAL REPORT STATUS

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| INDUSTRY ORGANIZATION: EXXON                                |
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  RI SYM: XN-74-21  (NP)                          SUBMIT DATE: 04-16-75    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 01-22-76
  TAC #: 01126
  TITLE: XTHETA: MULTI-NODE HEATUP CODE FOR SINGLE CHANNEL TRANSIENT ANALYSIS, REV. 2

  REMARKS: REPORT WITHDRAWN PER EXXON LETTER DATED 01-22-76
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  RI SYM: XN-74-25  (NP)                          SUBMIT DATE: 11-01-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-23-75
  TAC #: 01247
  TITLE: 2DQ: A TWO-DIMENSIONAL QUENCHING MODEL, REV 1

  REMARKS:
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  RI SYM: XN-74-27A  (NP)                         SUBMIT DATE: 01-23-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 07-15-75
  TAC #: 01125
  TITLE: BULGEX: A COMPUTER CODE TO DETERMINE THE DEFORMATION AND THE ONSET OF BULGING OF ZIRCALOY FUEL ROD CLADDING, REV 2

  REMARKS: ACCEPT INCL REV2 DTD 12/74 & SUPPL 1&2 & REPORT XN-75-7 ACCEPTED VERSION DATED 12/74
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  RI SYM: XN-75-01  (NP)                          SUBMIT DATE: 04-16-75    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 10-03-77
  TAC #: 01588
  TITLE: COMPUTATIONAL SIMULATIONS OF PRESSURIZED WATER REACTOR FULL LENGTH EMERGENCY COOLING HEAT TRANSFER EXPERIMENTS

  REMARKS: REPORT WITHDRAWN PER EXXON LETTER DTD 10/3/77
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  RI SYM: XN-75-05  (NP)                          SUBMIT DATE: 04-16-75    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 01-22-76
  TAC #: 01589
  TITLE: SLIX: AN INTERFACE AND DATA SMOOTHING ROUTINE BETWEEN RELAP 4 AND XTHETA

  REMARKS: REPORT WITHDRAWN PER EXXON LETTER DATED 01-22-76
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  RI SYM: XN-75-06A  (NP)                         SUBMIT DATE: 04-07-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-29-75
  TAC #: 01569
  TITLE: FLOW BLOCKAGE MODEL FOR LOCA ANALYSIS

  REMARKS: ACCEPTED VERSION DATED 1/76
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  RI SYM: XN-75-19  (NP)                          SUBMIT DATE: 04-16-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-23-75
  TAC #: 01598
  TITLE: CARRYOUT RATE FRACTION CORRELATION FOR PRESSURIZED WATER REACTORS

  REMARKS: INCLUDES SUPPLEMENT 1 DATED JUNE, 1975
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  RI SYM: XN-75-21  (NP)                          SUBMIT DATE: 04-07-75    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 09-29-77
  TAC #: 01568
  TITLE: XCOBRA-IIIC: A COMPUTER CODE TO DETERMINE THE DISTRIBUTION OF COOLANT DURING STEADY-STATE AND TRANSIENT CORE OPERATION

  REMARKS: REPORT WITHDRAWN PER EXXON LETTER DTD 9/29/77
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                    | INDUSTRY ORGANIZATION: EXXON                             |
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  RI SYM: XN-75-23  (NP)                         SUBMIT DATE: 04-07-75    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-22-76
  TAC #: 01566
  TITLE: EXXON NUCLEAR FUEL HEATUP MODEL FOR PWR LOSS OF COOLANT ACCIDENTS

  REMARKS: REPORT WITHDRAWN PER EXXON LETTER DATED 01-22-76
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  RI SYM: XN-75-24  (NP)                         SUBMIT DATE: 04-07-75    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-22-76
  TAC #: 01567
  TITLE: RELAX: A REACTOR SYSTEM BLOWDOWN ANALYSIS COMPUTER PROGRAM

  REMARKS: REPORT WITHDRAWN PER EXXON LETTER DATED 01-22-76
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  RI SYM: XN-75-34A  (NP)                        SUBMIT DATE: 10-16-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 06-23-76
  TAC #: 01960
  TITLE: THE XN-2 CRITICAL POWER CORRELATION, REV. 1

  REMARKS: ACCEPTED VERSION DATED 8-1-75
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  RI SYM: XN-75-36A  (P), XN-75-36  (NP)         SUBMIT DATE: 11-17-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 07-14-76
  TAC #: 03055
  TITLE: SPRAY COOLING HEAT TRANSFER PHASE I TEST RESULTS ENC-8X8 BWR FUEL 60 AND 63 ACTIVE RODS

  REMARKS: ACCEPTANCE INCLUDES SUPP. 1 DATED 10-00-75. ACCEPTED VERSION DTD 10/75
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   RI SYM: XN-75-39  (P), XN-75-39  (NP)

  TITLE: GENERIC FUEL DESIGN FOR 15X15 RELOAD ASSEMBLIES FOR WESTINGHOUSE PLANTS

REQ                              REVIEW                            REV     TAC        SUBMIT      REQ TARG     EST COMP     ADD INFO     REV COMP
ORG    REQUESTER                 BRANCH    REVIEWER                INIT   NUMBER       DATE         DATE         DATE       REQ DATE       DATE

ORB3   LEAR                      SSPB      BERGGREN                JXB     01922     08-17-77                              08-04-76

  REMARKS:
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  RI SYM: XN-75-41  (NP)                         SUBMIT DATE: 11-04-80    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-18-75
  TAC #: 01822
  TITLE: EXXON NUCLEAR COMPANY WREM-BASED GENERIC PWR ECCS EVALUATION MODEL

  REMARKS: CHANGES TO RELAP4-EM/ECN28B TS
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  RI SYM: XN-75-43  (NP)                         SUBMIT DATE: 08-26-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 10-01-75
  TAC #: 01848
  TITLE: CORE PHYSICS METHODS AND DATA USED AS INPUT TO LOCA ANALYSIS

  REMARKS:
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TOPICAL REPORT STATUS

INDUSTRY ORGANIZATION: EXXON

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RI SYM: XN-75-48 (P), XN-75-48 (NP)

TITLE: DEFINITION AND JUSTIFICATION OF EXXON NUCLEAR COMPANY DNB CORRELATION FOR PWR'S

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ORB3	LEAR	SSPB	BERGGREN	JXB	01926	02-10-77	01-10-77			

REMARKS: NON-PROP. VERSION RECEIVED 2-10-77.XN-75-48 IN HOLD PENDING EXXON DECISION ON NEED FOR RELOAD LICENSING.

RI SYM: XN-75-52 (P), (NP) SUBMIT DATE: 10-03-75 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 05-10-77
TAC #: 01921
TITLE: LATERAL CORE SEISMIC ANALYSIS FOR EXXON NUCLEAR 15X15 RELOAD FUEL FOR WESTINGHOUSE PWR'S

REMARKS: REPORT WITHDRAWN PER EXXON LETTER DTD 5/10/77

RI SYM: XN-75-55A (NP) SUBMIT DATE: 10-20-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 03-25-77
TAC #: 01961
TITLE: THE EXXON NUCLEAR WREM-BASED NJP-BWR ECCS EVALUATION MODEL AND EXAMPLE APPLICATION TO THE OYSTER CREEK PLANT, REV. 1

REMARKS: REV. 2 SUBMITTED 8-6-76, SUPPLS. 1 & 2 TO REV. 2 SUBMITTED 9-17-76 AND 12-9-76 RESPECTIVELY.

RI SYM: XN-75-64 (NP) SUBMIT DATE: 12-10-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-21-77
TAC #: 03218
TITLE: ENC WREM-BASED GENERIC PWR ECCS EVALUATION MODEL PALISADES TYPE CE PLANT LARGE BREAK EXAMPLE PROBLEM

REMARKS:

RI SYM: XN-76-08 (NP)

TITLE: RODEX: FUEL ROD THERMAL-MECHANICAL RESPONSE EVAL. CODE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ORB3	HANNON	SSPB	BERGGREN	JXB	07366	12-00-77				

REMARKS: IN HOLD PENDING DECISION BY EXXON ON WHETHER THEY WILL USE RODEX OR GAPEX CODE

RI SYM: XN-76-27A (NP) SUBMIT DATE: 08-30-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 03-09-77
TAC #: 06034
TITLE: EXXON NUCLEAR CO. WREM-BASED GENERIC PWR ECCS EVALUATION MODEL UPDATE ENC-WREM

REMARKS: SUPPLEMENT 1 SUBMITTED 10-01-76, SUPPLEMENT 2 SUBMITTED 11-24-76

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 | INDUSTRY ORGANIZATION: EXXON                              |
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  RI SYM: XN-76-36  (NP)                      SUBMIT DATE: 10-07-76    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 08-09-78
  TAC #: 06261
  TITLE: ENC WREM-BASED ECCS EVALUATION MODEL, 4-LOOP PWR WITH ICE CONDENSER LARGE BREAK EXAMPLE PROBLEM

  REMARKS: EXAMPLE PROBLEM NOT REQUIRED FOR APPROVAL ON XN-76-27. WITHD. WITHDRAWN - PHONE CONV. WITH J. GFOWSLEY OF EXXON
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  RI SYM: XN-76-40A  (NP)                     SUBMIT DATE: 11-24-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 02-10-77
  TAC #: 06455
  TITLE: EXXON NUCLEAR POWER DISTRIBUTION CONTROL FOR PWRS

  REMARKS: DETERMINE ACCEPTABILITY OF SN-76-40 AS A REFERENCE IN LICENSING ACTIONS. ACCEPTED VERSION DTD MAR 77
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  RI SYM: XN-76-44A  (NP)                     SUBMIT DATE: 01-10-77    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 01-18-77
  TAC #: 06245
  TITLE: REVISED NUCLEATE BOILING LOCKOUT FOR ENC WREM-BASED ECCS EVALUATION MODELS

  REMARKS: ACCEPTED VERSION DATED FEB 77
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  RI SYM: XN-76-47  (P), XN-76-47  (NP)       SUBMIT DATE: 05-10-77    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-05-81
  TAC #: 06840
  TITLE: COMBINED SEISMIC-LOCA MECHANICAL EVAL FOR EXXON 15X15 RELOAD FUEL FOR PWR'S

  REMARKS: WITHHOLDING APPROVED 6/20/77
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| INDUSTRY ORGANIZATION: FARR CO. |

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RI SYM: QA-100 (NP) SUBMIT DATE: 11-00-74 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 03-21-77
TAC #: 09023
TITLE: QA PROGRAM - NUCLEAR POWER PLANT FILTRATION UNIT - FARR CO.

REMARKS:

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                         | INDUSTRY ORGANIZATION: FLORIDA POWER & LIGHT              |
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  RI SYM: FPLTQAR-1-76  (NP)                SUBMIT DATE: 12-17-80    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-14-81
  TAC #: 09043
  TITLE: FLORIDA POWER & LIGHT CO--TOPICAL QUALITY ASSURANCE REPORT REV. 4

  REMARKS:
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75 BEST DOCUMENT AVAILABLE

| INDUSTRY ORGANIZATION: FLUOR POWER SYSTEMS |

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RI SYM: FPI-1 (NP) SUBMIT DATE: 03-23-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-14-77
TAC #: 09065
TITLE: QUALITY ASSURANCE PROGRAM--REV 1

REMARKS:

76

TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: FOX INDUSTRIES |

RI SYM: FI-1 (NP)

TITLE: FOX-HOWLETT NO SLIP COUPLERS FOR REINFORCING STEEL BARS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	42952	08-26-77	03-01-81			

REMARKS: REVIEW, PREPARE COMMENTS & PREPARE SER

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                    | INDUSTRY ORGANIZATION: GENERAL ATOMIC                      |
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  RI SYM: GA-A12462  (NP)                      SUBMIT DATE: 02-08-75    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 06-14-79
  TAC #: 00997
  TITLE: SORS: COMPUTER PROGRAMS FOR ANALYZING FISSION PRODUCT RELEASE FROM HTGR CORES DURING TRANSIENT TEMP. EXCUR. - AMEND. 1

  REMARKS: REVIEW SUSPENDED, COMPLETION NOT SCHEDULED. DISCUSSED IN NUREG/CR-0354, APRIL 1978.
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  RI SYM: GA-A12493  (NP)                      SUBMIT DATE: 01-06-75    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 06-14-79
  TAC #: 00906
  TITLE: OXIDE-3: A COMPUTER CODE FOR ANALYSIS OF HTGR STEAM OR AIR INGRESS ACCIDENTS - AMENDMENT 1

  REMARKS: REVIEW SUSPENDED, COMPLETION NOT SCHEDULED. DISCUSSED IN NUREG/CR-0352, APRIL 1978.
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  RI SYM: GA-A12692  (NP)                      SUBMIT DATE: 10-07-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-03-75
  TAC #: 00900
  TITLE: CONTEMPT G - COMPUTER PROGRAM AND ITS APPLICATION TO HTGR CONTAINMENTS & ANALYSIS PROGRAM - AMENDMENT 1

  REMARKS: ACCEPTABLE ONLY FOR CALCULATING BLOWDOWN TO THE CONTAINMENT
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  RI SYM: GA-A12808  (NP)                      SUBMIT DATE: 10-08-74    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 06-14-79
  TAC #: 00904
  TITLE: LARGE HTGR STEAM GENERATOR DESIGN VERIFICATION AND SUPPORT PROGRAMS - AMENDMENT 1

  REMARKS: REVIEW TERMINATED, REPORT OBSOLETE.
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  RI SYM: GA-A12821  (NP)                      SUBMIT DATE: 02-10-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 10-20-75
  TAC #: 00924
  TITLE: PCRV DESIGN AND VERIFICATION - AMENDMENT A

  REMARKS:
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  RI SYM: GA-A12910  (NP)                      SUBMIT DATE: 09-26-75    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-18-75
  TAC #: 00976
  TITLE: THERMAL CONDUCTIVITY OF LARGE HTGR FUEL RODS - AMENDMENT A

  REMARKS: ACCEPTABLE FOR INTERIM USE FOR DESIGN PURPOSES
--------------------------------------------------------------------------------------------------------------
  RI SYM: GA-A12946  (NP)                      SUBMIT DATE: 10-21-74    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 03-03-77
  TAC #: 01347
  TITLE: GASEOUS RADIOACTIVITY LEVELS IN THE PRIMARY COOLANT OF AN HTGR

  REMARKS:
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  RI SYM: GA-A12985  (NP)                      SUBMIT DATE: 03-09-76    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 06-14-79
  TAC #: 01541
  TITLE: HTGR CORE THERMAL DESIGN METHODS AND ANALYSIS -- AMENDMENT 1

  REMARKS: REVIEW TERMINATED.
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                              T O P I C A L   R E P O R T   S T A T U S

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                         | INDUSTRY ORGANIZATION: GENERAL ATOMIC                     |
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  RI SYM: GA-A13010A  (NP)                  SUBMIT DATE: 01-29-81    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 03-05-81
  TAC #: 09000
  TITLE: GENERAL ATOMIC QUALITY ASSURANCE - AMENDMENT 6

  REMARKS:
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   RI SYM: GA-A13248  (NP)

  TITLE: TAP: A PROGRAM FOR ANALYSIS OF HTGR STEAM SUPPLY SYSTEM PERFORMANCE TRANSIENTS

REQ                          REVIEW                     REV    TAC        SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH   REVIEWER          INIT   NUMBER     DATE       DATE        DATE        REQ DATE    DATE

ADSP   R. CLARK              CPB      PHILLIPS          LEP    03660      02-26-76
                             SSPB     BERGGREN          JXB

  REMARKS: REVIEW DEFERRED, TO BE COMPLETED BUT NOT NOW ACTIVE.
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  RI SYM: GA-A13325  (NP)                   SUBMIT DATE: 04-18-75    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 06-14-79
  TAC #: 01632
  TITLE: BACK-PRESSURE REQUIREMENT FOR CACS CORE COOLING

  REMARKS: REVIEW TERMINATED, REPORT OBSOLETE.
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   RI SYM: GA-A1353  (NP)

  TITLE: GA-A1353 STATUS OF SAFETY-RELATED QUALIFICATIONS & DESIGN VERIFICATIONS & SUPPORT PROGRAMS IN SUPPORT OF HTGR PSAR'S

REQ                          REVIEW                     REV    TAC        SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH   REVIEWER          INIT   NUMBER     DATE       DATE        DATE        REQ DATE    DATE

ADSP   R. CLARK              SSPB     BERGGREN          JXB    01797                 09-30-75
                             SEB      TAN               CPT                                                              09-30-75
                             SEB      SCHAUER           FPS                                                              10-08-75
                             ICB      MILLER            CFM                                                              10-28-76
                             GIB      MATTU             RKM                                          10-17-75            10-29-75
                             MTEB     LITTON            FBL                                                              10-02-75

  REMARKS:
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79 BEST DOCUMENT AVAILABLE

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                    | INDUSTRY ORGANIZATION: GENERAL ATOMIC                       |
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   RI SYM: GA-A14520  (NP)

  TITLE: FT. ST.VRAIN - ACCIDENT REANALYSIS USING RECA3 CODE

REQ                           REVIEW                    REV   TAC      SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH    REVIEWER        INIT  NUMBER   DATE        DATE        DATE        REQ DATE    DATE

ARB    WILLIAMS               SSPB      BERGGREN        JXB   04967    09-01-77
                              RSB       SHERON          BWS                                                            05-05-80

  REMARKS: REVIEW TO BE COMPLETED BUT NOT NOW ACTIVE.
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   RI SYM: GA-4  (NP)

  TITLE: GA-LTR-4 'AFTER HEAT CALCULATIONS FOR HTGR'

REQ                           REVIEW                    REV   TAC      SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH    REVIEWER        INIT  NUMBER   DATE        DATE        DATE        REQ DATE    DATE

ADSP   A. BOURNIA             CRBR      CHECK           PSC   00738                03-30-74                            03-20-74

  REMARKS:
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   RI SYM: GLP-5640  (NP)

  TITLE: SAR USE OF THO2 FERTILE FUEL PARTICLES IN FT ST VRAIN FUEL ELEMENTS

REQ                           REVIEW                    REV   TAC      SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH    REVIEWER        INIT  NUMBER   DATE        DATE        DATE        REQ DATE    DATE

ARB    WILLIAMS               CPB       TOKAR           MXT   05066    07-14-78                                        07-19-79
                              ORB3      KUZMYCZ         GAK                                                            07-17-81

  REMARKS: REVIEW DEFERRED AT REQUEST OF APPLICANT.
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  RI SYM: GLP-5683  (NP)                       SUBMIT DATE: 03-28-78    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-21-79
  TAC #: 04985
  TITLE: SAFETY ANALYSIS REPORT USE OF H-451 GRAPHITE IN FT ST VRAIN FUEL ELEMENTS

  REMARKS:
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                     | INDUSTRY ORGANIZATION: GENERAL ELECTRIC                        |
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  RI SYM: APED-5286  (NP)                    SUBMIT DATE: 08-21-67   CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-13-71
  TAC #: 03853
  TITLE: DESIGN BASIS FOR CRITICAL HEAT FLUX IN BOILING WATER REACTORS

  REMARKS:
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  RI SYM: APED-5446  (NP)                    SUBMIT DATE: 03-31-67   CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-13-71
  TAC #: 03855
  TITLE: CONTROL ROD VELOCITY LIMITER

  REMARKS:
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  RI SYM: APED-5447  (NP)                    SUBMIT DATE: 06-03-69   CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-13-71
  TAC #: 03854
  TITLE: DEPRESSURIZATION PERFORMANCE OF THE GENERAL ELECTRIC BOILING WATER REACTOR HIGH PRESSURE COOLANT INJECTION SYSTEM

  REMARKS:
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  RI SYM: APED-5449  (NP)                    SUBMIT DATE: 06-09-67   CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-13-71
  TAC #: 03849
  TITLE: CONTROL ROD WORTH MINIMIZER

  REMARKS:
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  RI SYM: APED-5450  (NP)                    SUBMIT DATE: 05-04-67   CONCLUSION: NOT ACCEPTED   LETTER TO IND ORG: 12-13-71
  TAC #: 03834
  TITLE: DESIGN PROVISIONS FOR IN-SERVICE INSPECTION

  REMARKS:
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  RI SYM: APED-5453  (NP)                    SUBMIT DATE: 05-04-67   CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-13-71
  TAC #: 03841
  TITLE: VIBRATION ANALYSIS AND TESTING OF REACTOR INTERNALS

  REMARKS:
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  RI SYM: APED-5454  (NP)                    SUBMIT DATE: 10-23-68   CONCLUSION: NOT ACCEPTED   LETTER TO IND ORG: 12-13-71
  TAC #: 03836
  TITLE: METAL WATER REACTIONS - EFFECTS ON CORE COOLING AND CONTAINMENT

  REMARKS:
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  RI SYM: APED-5456  (NP)                    SUBMIT DATE: 10-24-68   CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-13-71
  TAC #: 03827
  TITLE: IN-CORE NUCLEAR INSTRUMENTATION SYSTEMS FOR OYSTER CREEK UNIT AND NINE MILE POINT UNIT 1 REACTORS

  REMARKS:
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: GENERAL ELECTRIC |

RI SYM: APED-5460 (NP) SUBMIT DATE: 11-19-68 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-13-71
TAC #: 03832
TITLE: DESIGN AND PERFORMANCE OF GENERAL ELECTRIC BOILING WATER REACTOR JET PUMPS

REMARKS:

RI SYM: APED-5555 (NP) SUBMIT DATE: 01-04-68 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-13-71
TAC #: 03828
TITLE: IMPACT TESTING ON COLLET ASSEMBLY FOR CONTROL ROD DRIVE MECHANISM 74DB144A

REMARKS:

RI SYM: APED-5654 (NP) SUBMIT DATE: 11-26-68 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 12-13-71
TAC #: 03851
TITLE: CONSIDERATIONS PERTAINING TO CONTAINMENT INERTING

REMARKS:

RI SYM: APED-5703 (NP) SUBMIT DATE: 12-06-68 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-13-71
TAC #: 03846
TITLE: DESIGN AND ANALYSIS OF CONTROL ROD DRIVE REACTOR VESSEL PENETRATIONS

REMARKS:

RI SYM: APED-5706 (NP) SUBMIT DATE: 12-06-68 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-20-73
TAC #: 03825
TITLE: IN-CORE NEUTRON MONITORING SYSTEM FOR GENERAL ELECTRIC BOILING WATER REACTORS, REV. 1

REMARKS:

RI SYM: APED-5750 (NP) SUBMIT DATE: 03-24-69 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-02-75
TAC #: 01440
TITLE: DESIGN AND PERFORMANCE OF G.E. BWR REACTOR MAIN STEAM LINE ISOLATION VALVES, SUPPL. 1 AND SUPPL. 2

REMARKS: "A" VERSION DATED 9-3-76

RI SYM: APED-5756 (NP) SUBMIT DATE: 04-01-69 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 12-13-71
TAC #: 03852
TITLE: ANALYTICAL METHODS FOR EVALUATING THE RADIOLOGICAL ASPECTS OF THE GE BWR

REMARKS:

RI SYM: NEDE-10792 (P), NEDO-20214 (NP) SUBMIT DATE: 05-22-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 10-01-74
TAC #: 01529
TITLE: GAMMA HEATING DISTRIBUTION IN A BWR LATTICE DURING NORMAL OPERATION AND ACCIDENT CONDITIONS

REMARKS: SEE NCR STAFF STATUS REPORT ON GE - ECCS EVAL. MODEL PAGES 4-10

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              | INDUSTRY ORGANIZATION: GENERAL ELECTRIC                |
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 RI SYM: NEDE-10801A  (P), NEDO-10801  (NP)     SUBMIT DATE: 03-30-73   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-26-74
 TAC #: 00441
 TITLE: MODELING THE BWR/6 LOSS-OF-COOLANT ACCIDENT: CORE SPRAY AND BOTTOM FLOODING HEAT TRANSFER EFFECTIVENESS

 REMARKS: "A" VERSION DATED 06-06-77
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 RI SYM: NEDE-10958  (P), NEDO-10958A  (NP)     SUBMIT DATE: 11-30-73   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 10-24-74
 TAC #: 00748
 TITLE: GENERAL ELECTRIC BWR THERMAL ANALYSIS BASIS (GETAB) DATA CORRELATION AND DESIGN APPLICATION

 REMARKS: "A" VERSION DATED 05-18-77
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 RI SYM: NEDE-20231A  (P), NEDO-20231A  (NP)    SUBMIT DATE: 02-21-74   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 11-27-74
 TAC #: 00880
 TITLE: EMERGENCY CORE COOLING TESTS OF AN INTERNALLY PRESSURIZED ZIRCALOY-CLAD, 8 X 8 SIMULATED BWR FUEL BUNDLE

 REMARKS: APPROVED FOR REFERENCE. "A" VERSION DATE 04-30-76
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 RI SYM: NEDE-20566  (P), NEDO-20566  (NP)      SUBMIT DATE: 12-26-80   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 02-04-81
 TAC #: 01196
 TITLE: ANALYTICAL MODEL FOR LOSS OF COOLANT ANALYSES IN ACCORDANCE WITH 10 CFR 50 APPENDIX K, AMEND. 1, 2, 3, 4, 5, 6, 7

 REMARKS: REC'D RESP DTD 7/1/81 TO REQ FOR ADDL INFO ON AMENDM 5 ACCEPTED BASIC & AMM 1 AND 4
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 RI SYM: NEDE-20606A  (P), NEDO-20606A  (NP)    SUBMIT DATE: 08-30-74   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-02-75
 TAC #: 01089
 TITLE: CREEP COLLAPSE ANALYSIS OF BWR FUEL USING SAFE-COLAPS MODEK, AND AMEND. 1

 REMARKS: "A" VERSION DATED 9-29-76 NEDO-20605 SUPERCEDED BY 20606
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 RI SYM: NEDE-20913A  (P), NEDO-20913A  (NP)    SUBMIT DATE: 06-17-76   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 09-22-76
 TAC #: 03980
 TITLE: LATTICE PHYSICS METHODS

 REMARKS: "A" VERSION DATED 4-12-77
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 RI SYM: NEDE-20922  (P),    (NP)               SUBMIT DATE: 07-15-75   CONCLUSION: WITHDRAWN     LETTER TO IND ORG: 12-01-81
 TAC #: 01858
 TITLE: EXPERIENCE WITH BWR FUEL THROUGH SEPT. 1974

 REMARKS: GE CONSIDERS INFORMATION REPORT - NOT SUBMITTED FOR APPROVAL
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                              TOPICAL REPORT STATUS

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                        | INDUSTRY ORGANIZATION: GENERAL ELECTRIC       |
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   RI SYM: NEDE-20943  (P), NEDO-20943  (NP)

  TITLE: URANIA-GADOLINIA NUC. FUEL PHYSICAL & IRRADIATION CHARACTERISTICS AND MATERIAL PROPERTIES

REQ                          REVIEW                    REV    TAC      SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER             BRANCH   REVIEWER         INIT   NUMBER   DATE       DATE       DATE       REQ DATE   DATE

LWR3   CAPRA                 SSPB     BERGGREN         JXB    04480    02-04-77              09-30-81   04-24-81
                             CPB      TOKAR            MXT

  REMARKS: REQUEST NO 2 FOR ADDITIONAL INFORMATION - 4/24/81
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  RI SYM: NEDE-20944  (P), NEDO-20944  (NP)      SUBMIT DATE: 07-30-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 11-08-77
  TAC #: 04291
  TITLE: BWR/4 AND BWR/5 FUEL DESIGN (NA)

  REMARKS: SECTIONS 2 & 3 APPROVED 9/30/77; SECTION 4 NOT ACCEPTABLE TO AB; LETTER TO GE 11/8/77.
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  RI SYM: NEDE-20948  (P), NEDO-20948  (NP)      SUBMIT DATE: 02-20-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 02-13-78
  TAC #: 03998
  TITLE: BWR/6 FUEL DESIGN, AMEND. 1

  REMARKS: ACCEPTED SECTIONS 4.2 & 4.3; SECTION 4.4 AND 15 NOT ACCEPTED
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   RI SYM: NEDE-21021  (P), NEDO-21021  (NP)

  TITLE: TEST PROGRAM FOR BWR CONTROL ROD DRIVE COLLET RETAINER TUBES; BWR MODELS 2, 3, & 4

REQ                          REVIEW                    REV    TAC      SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER             BRANCH   REVIEWER         INIT   NUMBER   DATE       DATE       DATE       REQ DATE   DATE

SEPB   R SILVER              SSPB     BERGGREN         JXB    06006    06-23-76

  REMARKS:
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   RI SYM: NEDE-21056-1-P  (P), NEDO-21056  (NP)

  TITLE: N66 SJAE OFF-GAS TREATMENT SYSTEM

REQ                          REVIEW                    REV    TAC      SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER             BRANCH   REVIEWER         INIT   NUMBER   DATE       DATE       DATE       REQ DATE   DATE

LWR3   R. CAPRA              ETSB     BANGART          RQB    04578    04-01-77                         02-15-79
                             SSPB     BERGGREN         JXB
                             RAB      HINSON           XCH

  REMARKS: GE RESPONSE RECEIVED 10/78; ERRATA AND ADDENDA TO AMEND. 1 RECEIVED BY LETTER DATED 9/7/79.
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RI SYM: NEDE-21069 (P), NEDO-21069 (NP) SUBMIT DATE: 12-09-75 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 12-01-81
TAC #: 03090
TITLE: MARK III CONTAINMENT SEISMIC SLOSH

REMARKS: CLASSIFIED BY GE AS AN INFORMATION REPORT

RI SYM: NEDE-21175 (P), NEDO-21175 (NP) SUBMIT DATE: 11-30-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 05-17-79
TAC #: 04376
TITLE: BWR/6 FUEL ASSEMBLY EVALUATION OF COMBINED SSE AND LOCA LOADINGS, AMEND 1, AMEND 2

REMARKS: ANALYTICAL METHODS ONLY ACCEPTABLE FOR REFERENCING.

RI SYM: NEDE-21282A (P), NEDO-21282A (NP) SUBMIT DATE: 05-10-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 01-03-78
TAC #: 04264
TITLE: GE DENSIFICATION PROGRAM STATUS

REMARKS: "A" VERSION DATED 03-07-78

RI SYM: NEDE-21354 (P), NEDO-21354 (NP)

TITLE: BWR FUEL CHANNEL MECHANICAL DESIGN AND DEFLECTION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR3	R. CAPRA	CPB	TOKAR	MXT	04272	09-24-76			06-09-77	
		SSPB	BERGGREN	JXB						

REMARKS: RSB REVIEW COMPLETE; CPB REVIEW DELAYED.

RI SYM: NEDE-21596-P (P), NEDO-21596 (NP)

TITLE: MARK III CONFIRMATORY TEST PROGRAM - 1/3 SCALE CONDENSATION AND STRATIFICATION PHENOMENA - TEST SERIES 5807

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR3	R. CAPRA	SSPB	BERGGREN	JXB	04675	08-25-77				
		CSB	GREENE	TAG						

REMARKS:

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                    | INDUSTRY ORGANIZATION: GENERAL ELECTRIC          |
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   RI SYM: NEDE-21606  (P), NEDO-21606  (NP)

  TITLE: MARK III 1/3 AREA SCALE SUBMERGED STRUCTURE TEST

REQ                               REVIEW                       REV    TAC       SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER            INIT   NUMBER    DATE       DATE       DATE       REQ DATE   DATE

LWR3   R. CAPRA                   SSPB     BERGGREN            JXB    04767     11-18-77

  REMARKS:
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  RI SYM: NEDE-21821  (P), NEDO-21821  (NP)       SUBMIT DATE: 09-04-79    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 12-01-81
  TAC #: 07006
  TITLE: BOILING WATER REACTOR FEEDWATER NOZZLE/SPARGER FINAL REPORT, SUPPL 1.

  REMARKS: GE CONSIDERS INFORMATION REPORT
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   RI SYM: NEDE-23785  (P), NEDO-23785  (NP)

  TITLE: GESTR, A MODEL FOR PREDICTION OF GE BWR FUEL ROD THERMAL/MECHANICAL PERFORMANCE

REQ                               REVIEW                       REV    TAC       SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER            INIT   NUMBER    DATE       DATE       DATE       REQ DATE   DATE

LWR3   R. CAPRA                   CPB      VOGLEWEDE           JCV    04848     01-21-81                         11-25-80
                                  SSPB     BERGGREN            JXB

  REMARKS: RECD REFERENCES REQ IN RFI 8,D REQ #1 FOR ADD INFO 11/25/80
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  RI SYM: NEDE-23786-1  (P), NEDO-23786  (NP)     SUBMIT DATE: 05-25-78    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-20-78
  TAC #: 04856
  TITLE: FUEL ROD PREPRESSURIZATION; AMEND. 1

  REMARKS: AMEND. 1, BASED ON GEGAP-III APPROVED; GESTR BASED REPORT PENDING.
--------------------------------------------------------------------------------------------------------------------
  RI SYM: NEDE-24010  (P), NEDO-24010  (NP)       SUBMIT DATE: 08-01-77    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 06-19-80
  TAC #: 43182
  TITLE: TR BASIS FOR COMBINATION OF EARTHQUAKE AND OTHER TRANSIENT RESPONSES BY THE SQ. ROOT SUM OF SQUARES METHOD

  REMARKS: ACCEPT INCLUDES SUPPL. 1 THRU 3
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                                     | INDUSTRY ORGANIZATION: GENERAL ELECTRIC                        |
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   RI SYM: NEDE-24011  (NP)

  TITLE: TR "ADMIN. AMEND. TO NEDE 24011-P-A-1 GENERIC RELOAD FUEL APPLICATION", AMEND 12

REQ                               REVIEW                        REV     TAC        SUBMIT       REQ TARG      EST COMP      ADD INFO       REV COMP
ORG    REQUESTER                  BRANCH    REVIEWER            INIT    NUMBER      DATE          DATE          DATE        REQ DATE         DATE

SSPB   BERGGREN                   SSPB      BERGGREN            JXB     46650                   08-07-81

  REMARKS: VERIFY 7/12/81 AMENDM CONTAIN ONLY ADMIN CHGS & DO NOT INCORP UNREVIEWED SAFETY QUESTIONS
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  RI SYM: NEDE-24011-A-1  (P),     (NP)           SUBMIT DATE: 09-08-81    CONCLUSION: ACCEPTED          LETTER TO IND ORG: 04-16-81
  TAC #: 06147
  TITLE: TR "GENERIC RELOAD FUEL APPLICATION" REV2

  REMARKS: RECD REV2 INCORPORATING ADMIN CHGE & REPLACING APP D; REC'D PROPOSED ADM CHG. AMEND 12
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  RI SYM: NEDE-24057-PA  (P), NEDO-24057-A  (NP)  SUBMIT DATE: 12-01-77    CONCLUSION: ACCEPTED          LETTER TO IND ORG: 10-28-80
  TAC #: 04768
  TITLE: ASSESSMENT OF REACTOR INTERNALS VIBRATION IN BWR/4 AND BWR/5 PLANTS

  REMARKS: REC'D ACCEPTED VERSION NEDO24057A & NEDE24057PA DATED 4/81 NEDE24057PA DATED 4/87
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   RI SYM: NEDE-24076-1-P  (P), NEDO-24076-1  (NP)

  TITLE: DESIGN REPORT & SAFETY EVALUATION FOR HIGH DENSITY FUEL STORAGE SYSTEM

REQ                               REVIEW                        REV     TAC        SUBMIT       REQ TARG      EST COMP      ADD INFO       REV COMP
ORG    REQUESTER                  BRANCH    REVIEWER            INIT    NUMBER      DATE          DATE          DATE        REQ DATE         DATE

LWR3   R. CAPRA                   SSPB      BERGGREN            JXB     04782     12-22-77                    09-30-81
                                  CPB       BROOKS              WXB

  REMARKS: AMEND. 1 RECEIVED VIA LETTER DATED 6/8/79.
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  RI SYM: NEDE-24142  (NP)                        SUBMIT DATE: 12-22-77    CONCLUSION: WITHDRAWN         LETTER TO IND ORG: 12-01-81
  TAC #: 05162
  TITLE: FAST SCRAM CONTROL ROD DRIVE QUALIFICATION PROGRAM

  REMARKS: NOT SUBMITTED AS TOPICAL REPORT SEE GESSAR
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  RI SYM: NEDE-24154-P  (P), NEDO-24154  (NP)     SUBMIT DATE: 12-15-78    CONCLUSION: ACCEPTED          LETTER TO IND ORG: 02-04-81
  TAC #: 05139
  TITLE: QUALIFICATION OF ONE DIMENSIONAL CORE TRANSIENT MODEL FOR BWR

  REMARKS: NEDO 24154 VOL I&II N. PROP NEDE 24154 VOL III PROP
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                                                 T O P I C A L   R E P O R T   S T A T U S

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                                                 | INDUSTRY ORGANIZATION: GENERAL ELECTRIC                   |
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   RI SYM: NEDE-24284P  (P),    (NP)

  TITLE: TR "ASSESSMENT OF FUEL-ROD BOWING IN GENERAL ELECTRIC BOILING WATER REACTORS

REQ                           REVIEW                    REV     TAC        SUBMIT    REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH   REVIEWER         INIT   NUMBER       DATE      DATE        DATE       REQ DATE     DATE

SSPB   BERGGREN               SSPB     BERGGREN         JXB     43379     12-23-80               09-30-81    11-02-81
                              CPB      POWERS           DAP                                      03-01-82

  REMARKS: REQUEST NO 2 FOR ADDL INFO 11/2/81
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  RI SYM: NEDM-10498  (P),    (NP)                SUBMIT DATE: 01-00-72    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 12-13-71
  TAC #: 03839
  TITLE: INTERIM REPORT - SYSTEM CRITERIA AND APPLICATIONS FOR PROTECTION AGAINST THE DYNAMIC EFFECTS OF PIPE BREAK

  REMARKS:
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  RI SYM: NEDM-10735  (NP)                        SUBMIT DATE: 12-00-72    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-14-73
  TAC #: 03826
  TITLE: DENSIFICATION CONSIDERATIONS IN BWR FUEL DESIGN AND PERFORMANCE

  REMARKS: RESPONSES TO QUESTIONS ON NEDM 10735 ARE CONTAINED IN NEDO 20134 THROUGH 20138
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  RI SYM: NEDO-10017  (NP)                        SUBMIT DATE: 12-12-71    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-13-71
  TAC #: 03850
  TITLE: FIELD TESTING REQUIREMENTS FOR FUEL, CURTAINS AND CONTROL RODS

  REMARKS:
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  RI SYM: NEDO-10045  (NP)                        SUBMIT DATE: 11-21-69    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-13-71
  TAC #: 03831
  TITLE: CONSEQUENCES OF A STEAM LINE BREAK IN A GENERAL ELECTRIC BOILING WATER REACTOR

  REMARKS:
------------------------------------------------------------------------------------------------------------------------------------
  RI SYM: NEDO-10115  (NP)                        SUBMIT DATE: 07-00-69    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 12-31-71
  TAC #: 03835
  TITLE: MECHANICAL AND MATERIAL SURVEILLANCE OF GENERAL ELECTRIC BWR PRESSURE VESSELS

  REMARKS:
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  RI SYM: NEDO-10139  (NP)                        SUBMIT DATE: 06-24-70    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-13-71
  TAC #: 03838
  TITLE: COMPLIANCE OF PROTECTION SYSTEMS TO INDUSTRY CRITERIA: GENERAL ELECTRIC BWR NUCLEAR STEAM SUPPLY SYSTEM

  REMARKS:
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                              | INDUSTRY ORGANIZATION: GENERAL ELECTRIC                      |
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  RI SYM: NEDO-10174  (NP)

  TITLE: CONSEQUENCES OF A POSTULATED FLOW BLOCKAGE INCIDENT IN A BOILING WATER REACTOR, REV. 1

REQ                          REVIEW                          REV     TAC        SUBMIT      REQ TARG    EST COMP    ADD INFO     REV COMP
ORG    REQUESTER             BRANCH    REVIEWER              INIT    NUMBER      DATE        DATE        DATE       REQ DATE      DATE

DPM    R. CAPRA              SSPB      BERGGREN              JXB     03824      10-28-77
                             CPB       HOLONICH              JBH
                             RSB       HODGES                MWH

  REMARKS: RESUBMITTED AS REVISION 1 TO BE WITHDRAWN FOR TOPICAL REPORT APPROVAL
---------------------------------------------------------------------------------------------------------------------------------
  RI SYM: NEDO-10179  (NP)                      SUBMIT DATE: 07-09-70    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-13-71
  TAC #: 03845
  TITLE: EFFECTS OF CLADDING TEMPERATURE AND MATERIAL ON ECCS PERFORMANCE

  REMARKS:
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  RI SYM: NEDO-10189  (NP)                      SUBMIT DATE: 10-26-70    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 12-13-71
  TAC #: 03830
  TITLE: AN ANALYSIS OF FUNCTIONAL COMMON MODE FAILURES IN GE BOILING WATER REACTOR PROTECTION & CONTROL INSTRUMENTATION

  REMARKS:
---------------------------------------------------------------------------------------------------------------------------------
  RI SYM: NEDO-10208  (NP)                      SUBMIT DATE: 10-08-70    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-13-71
  TAC #: 03823
  TITLE: EFFECTS OF FUEL ROD FAILURE ON ECCS PERFORMANCE

  REMARKS:
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  RI SYM: NEDO-10299A  (NP)                     SUBMIT DATE: 03-17-71    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-01-74
  TAC #: 03847
  TITLE: CORE FLOW DISTRIBUTION IN A MODERN BOILING WATER REACTOR AS MEASURED IN MONTICELLO

  REMARKS: "A" VERSION DATED 10-29-76
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  RI SYM: NEDO-10320  (NP)                      SUBMIT DATE: 03-31-71    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 09-07-73
  TAC #: 03844
  TITLE: THE GENERAL ELECTRIC PRESSURE SUPPRESSION CONTAINMENT ANALYTICAL MODEL APRIL 1972. SUPPL. 1 MAY 71, SUPPL. 2 JAN. 73

  REMARKS:
---------------------------------------------------------------------------------------------------------------------------------
  RI SYM: NEDO-10329  (NP)                      SUBMIT DATE: 04-08-71    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-13-71
  TAC #: 03837
  TITLE: LOSS-OF-COOLANT ACCIDENT AND EMERGENCY CORE COOLING MODELS FOR GENERAL ELECTRIC BOILING WATER REACTORS, SUPPL. 14

  REMARKS:
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                    | INDUSTRY ORGANIZATION: GENERAL ELECTRIC                   |
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RI SYM: NEDO-10349  (NP)                    SUBMIT DATE: 04-30-71   CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 12-13-71
TAC #: 03833
TITLE: ANALYSIS OF ANTICIPATED TRANSIENTS WITHOUT SCRAM

REMARKS:
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RI SYM: NEDO-10466A  (NP)                   SUBMIT DATE: 09-29-77   CONCLUSION: ACCEPTED        LETTER TO IND ORG: 02-11-81
TAC #: 04699
TITLE: POWER GENERATION CONTROL COMPLEX DESIGN CRITERIA AND SAFETY EVALUATION, REV. 2

REMARKS: ADDENDA 2 IS ACCEPTED VERSION OF ADDEN 1
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RI SYM: NEDO-10510  (NP)                    SUBMIT DATE: 05-19-72   CONCLUSION: ACCEPTED        LETTER TO IND CRG: 10-25-72
TAC #: 03829
TITLE: JET LOADING ON PRIMARY CONTAINMENT VESSEL

REMARKS:
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RI SYM: NEDO-10527  (NP)                    SUBMIT DATE: 05-25-72   CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-17-74
TAC #: 03816
TITLE: ROD DROP ACCIDENT ANALYSIS FOR LARGE BWR'S

REMARKS: ACCEPTANCE INCLUDES SUPPLE 1&2.
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RI SYM: NEDO-10565  (NP)                    SUBMIT DATE: 06-30-72   CONCLUSION: ACCEPTED        LETTER TO IND ORG: 09-28-73
TAC #: 03817
TITLE: TESTING OF CRUCIFORM CONTROL ROD FOR BWR/6

REMARKS: ACCEPTED AS DOCUMENTING RESULTS OF FUNCTIONAL TESTING ONLY
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RI SYM: NEDO-10569A  (NP)                   SUBMIT DATE: 05-30-72   CONCLUSION: ACCEPTED        LETTER TO IND ORG: 06-01-72
TAC #: 03818
TITLE: BWR/6 NUCLEAR SYSTEM FROM GENERAL ELECTRIC - A PERFORMANCE DESCRIPTION

REMARKS: "A" VERSION IS EDITORIAL REVISION
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RI SYM: NEDO-10571  (NP)                    SUBMIT DATE: 06-06-72   CONCLUSION: ACCEPTED        LETTER TO IND ORG: 01-17-73
TAC #: 03819
TITLE: GENERAL ELECTRIC BOILING WATER REACTOR MARK III CONTAINMENT CONCEPT

REMARKS:
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RI SYM: NEDO-10602  (NP)                    SUBMIT DATE: 07-25-72   CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-10-72
TAC #: 03820
TITLE: TESTING OF IMPROVED JET PUMP FOR THE BWR/6 NUCLEAR SYSTEM

REMARKS:
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                               | INDUSTRY ORGANIZATION: GENERAL ELECTRIC                   |
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 RI SYM: NEDO-10625  (NP)                          SUBMIT DATE: 06-01-73    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 05-12-75
 TAC #: 00642
 TITLE: NEDO-10625 POWER GENERATION IN BWR FOLLOWING NORMAL SHUTDOWN OF LOCA CONDITIONS

 REMARKS: GE WITHDREW FROM TECH REVIEW 5/12/75 LTR
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 RI SYM: NEDO-10677  (NP)                          SUBMIT DATE: 10-30-72    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-19-73
 TAC #: 03821
 TITLE: ANALYSIS OF RECIRCULATION PUMP OVERSPEED IN TYPICAL GENERAL ELECTRIC BOILING WATER REACTOR

 REMARKS:
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 RI SYM: NEDO-10678  (NP)                          SUBMIT DATE: 11-28-72    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 11-08-74
 TAC #: 03822
 TITLE: SEISMIC QUALIFICATION OF CLASS I ELECTRIC EQUIPMENT

 REMARKS:
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 RI SYM: NEDO-10698  (NP)                          SUBMIT DATE: 11-28-72    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 03-16-74
 TAC #: 00292
 TITLE: ENVIRONMENTAL QUALIFICATION OF CLASS I CONTROL AND INSTRUMENTATION EQUIPMENT

 REMARKS:
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 RI SYM: NEDO-10722A  (NP)                         SUBMIT DATE: 12-26-72    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-01-74
 TAC #: 00387
 TITLE: CORE FLOW DISTRIBUTION IN A GENERAL ELECTRIC BOILING WATER REACTOR AS MEASURED IN QUAD CITIES UNIT 1

 REMARKS: "A" VERSION DATE 10-05-76
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 RI SYM: NEDO-10734  (NP)                          SUBMIT DATE: 01-29-73    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 08-13-74
 TAC #: 00679
 TITLE: A GENERAL JUSTIFICATION FOR CLASSIFICATION OF EFFLUENT TREATMENT SYSTEM EQUIPMENT AS GROUP D

 REMARKS:
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 RI SYM: NEDO-10739  (NP)                          SUBMIT DATE: 01-29-73    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 05-07-74
 TAC #: 00681
 TITLE: METHODS FOR CALCULATING SAFE TEST INTERVALS AND ALLOWABLE REPAIR TIMES FOR ENGINEERED SAFEGUARD SYSTEMS

 REMARKS:
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 RI SYM: NEDO-10751  (NP)                          SUBMIT DATE: 01-26-73    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-03-76
 TAC #: 00680
 TITLE: NEDO-10751 - EXPERIMENTAL AND OPERATIONAL CONFIRMATION OF OFFGAS SYSTEM DESIGN PARAMETERS (1/73) GENERAL ELECTRIC CO.

 REMARKS:
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: GENERAL ELECTRIC |

RI SYM: NEDO-10802 (NP)

TITLE: ANALYTICAL METHODS OF PLANT TRANSIENT EVALUATIONS FOR THE GE BWR, AND AMEND. 1 & 2

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	R. CAPRA	SSPB	BERGGREN	JXB	00472	07-14-75				

REMARKS: THIS REPORT IS BEING REVIEWED AS PART OF THE G.E. ATWS GENERIC REVIEW

RI SYM: NEDO-10846 (NP)

TITLE: BWR CORE SPRAY DISTRIBUTION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	W. PAULSON	SSPB	BERGGREN	JXB	00494	05-29-73			01-31-74	

REMARKS: REVIEW SUSPENDED PENDING G.E. FILING A FUTURE SUPPLEMENT

RI SYM: NEDO-10859 (NP) SUBMIT DATE: 05-10-73 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 09-12-74
TAC #: 00461
TITLE: STEAM VENT CLEARING PHENOMINA AND STRUCTURAL RESPONSE OF THEBWR TORUS (MARK I CONTAINMENT)

REMARKS:

RI SYM: NEDO-10871 (NP) SUBMIT DATE: 05-31-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 10-02-73
TAC #: 00502
TITLE: TECHNICAL DEVIATION OF BWR 1972 DESIGN BASIS RADIOACTIVE MATERIALS SOURCE TERMS

REMARKS:

RI SYM: NEDO-10905 (NP) SUBMIT DATE: 12-03-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 04-07-80
TAC #: 00554
TITLE: HIGH-PRESSURE CORE SPRAY SYSTEM SUPPLY UNIT, AND AMEND. 1

REMARKS: TEST PROCEDURE APPROVED; REVIEW COMPLETION AFTER TEST RESULTS SUBMITTED BY GE

RI SYM: NEDO-10939 (NP) SUBMIT DATE: 07-31-73 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 04-04-74
TAC #: 00599
TITLE: PLANT/OPERATOR INTERFACE OF THE NUCLENET 1000 CENTRAL COMPLEX

REMARKS:

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                         | INDUSTRY ORGANIZATION: GENERAL ELECTRIC             |
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  RI SYM: NEDO-10977  (NP)                   SUBMIT DATE: 09-10-73    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 03-01-74
  TAC #: 00629
  TITLE: DRYWELL INTEGRITY STUDY INVESTIGATION OF POTENTIAL CRACKING FOR BWR/6 MARK III CONTAINMENT

  REMARKS:
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  RI SYM: NEDO-11013-77  (NP)                SUBMIT DATE: 05-00-72    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 11-07-72
  TAC #: 03840
  TITLE: AN ANALYTICAL PROCEDURE FOR THE CONSERVATIVE CALCULATION OF CORE METAL-WATER REACTION FOLLOWING A DESIGN BASIS LOCA

  REMARKS:
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  RI SYM: NEDO-11209-04A  (NP)               SUBMIT DATE: 04-00-79    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-01-80
  TAC #: 09079
  TITLE: GENERAL ELECTRIC-NUCLEAR ENERGY DIVISIONS BWR QA PROGRAM DESCRIPTION, REV. 1

  REMARKS:
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  RI SYM: NEDO-12440  (NP)                   SUBMIT DATE: 01-22-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-01-74
  TAC #: 03842
  TITLE: IN-REACTOR DENSIFICATION BEHAVIOR OF UO2

  REMARKS:
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  RI SYM: NEDO-20181  (P), NEDC-20181  (NP)  SUBMIT DATE: 01-08-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-15-74
  TAC #: 03848
  TITLE: A MODEL FOR THE PREDICTION OF PELLET-CLADDING THERMAL CONDUCTANCE IN BWR FUEL RODS, REV. 1

  REMARKS:
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   RI SYM: NEDO-20340  (NP)

  TITLE: PROCESS COMPUTER PERFORMANCE EVALUATION ACCURACY, AND AMENDS. 1 & 2

REQ                          REVIEW                    REV    TAC      SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG   REQUESTER              BRANCH  REVIEWER          INIT   NUMBER   DATE      DATE       DATE       REQ DATE   DATE

LWR2  R. CAPRA               CPB     RICHINGS          HJR    01075    09-30-75
                             SSPD    BERGGREN          JXS

  REMARKS:
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  RI SYM: NEDO-20355A  (NP)                  SUBMIT DATE: 04-05-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-13-74
  TAC #: 00926
  TITLE: THE EFFECT OF A LARGE BUNDLE FLOW AREA RESTRICTION ON THE BWR EMERGENCY CORE COOLING SYSTEM EFFECTIVENESS

  REMARKS: "A" VERSION DATED 10-05-76
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TOPICAL REPORT STATUS

INDUSTRY ORGANIZATION: GENERAL ELECTRIC

RI SYM: NEDO-20533 (NP) SUBMIT DATE: 09-25-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 08-14-75
TAC #: 01890
TITLE: THE GENERAL ELECTRIC MARK III PRESSURE SUPPRESSION CONTAINMENT SYSTEM ANALYTICAL MODEL, SUPPLEMENT 1

REMARKS: NEDO-20533 ACCEPTED WITH COND. 08-14-75. SUPPL 1 WAS FILED TO JUSTIFY REMOVING COND. ADDL GE INFO RCVD 6-30-78

RI SYM: NEDO-20626 (NP)

TITLE: STUDIES OF BWR DESIGNS FOR MITIGATION OF ATWS, AND AMEND 1 &2

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. CAPRA	SSPB	BERGGREN	JXB	01146	05-30-75				

REMARKS: REPORT IS BEING REVIEWED AS PART OF THE ATWS GENERIC REVIEW

RI SYM: NEDO-20939A (NP) SUBMIT DATE: 06-15-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-22-76
TAC #: 03981
TITLE: LATTICE PHYSICS METHODS VERIFICATION

REMARKS: "A" VERSION DATED 02-09-77

RI SYM: NEDO-20946A (NP) SUBMIT DATE: 07-01-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-22-76
TAC #: 03983
TITLE: BWR SIMULATOR METHODS VERIFICATION

REMARKS: "A" VERSION DATED 02-09-77

RI SYM: NEDO-20953A (NP) SUBMIT DATE: 06-29-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-22-76
TAC #: 03982
TITLE: THREE-DIMENSIONAL BWR CORE SIMULATOR

REMARKS: "A" VERSION DATED 02-09-77

RI SYM: NEDO-20964 (NP)

TITLE: GENERATION OF VOID AND DOPPLER REACTIVITY FEEDBACK FOR APPLICATION TO BWR DESIGN

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	R. CAPRA	CPB	BROOKS	WXB	03716	02-13-76			03-06-77	
		CPB	FIENO	DBF						
		SSPB	BERGGREN	JXB				09-30-81		

REMARKS: AMENDED 08-01-77

RI SYM: NEDO-21052-A (NP) SUBMIT DATE: 03-17-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-27-78
TAC #: 04529
TITLE: MAXIMUM DISCHARGE RATE OF LIQUID-VAPOR MIXTURES FROM VESSELS

REMARKS: APPROVED VERSION SENT TO NRC VIA LETTER DATED 6/25/79

RI SYM: NEDO-21059 (NP)

TITLE: BWR RADIOACTIVE WASTE TREATMENT SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
DPM	R. CAPRA	RAB	HINSON	XCH	04654	12-01-77			04-19-79	
		ETSB	BANGART	RQB						
		SSPB	BERGGREN	JXB						

REMARKS: AMENDED 09-28-78

RI SYM: NEDO-21159 (NP) SUBMIT DATE: 03-25-76 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 11-05-76
TAC #: 03693
TITLE: AIRBORNE RELEASES FROM BWRS FOR ENVIRONMENTAL IMPACT EVALUATIONS

REMARKS: GE PLANS TO RECLASSIFY AS INFORMATION REPORT

RI SYM: NEDO-21231 (NP) SUBMIT DATE: 02-08-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 01-17-78
TAC #: 04539
TITLE: BANKED POSITION WITHDRAWAL SEQUENCE

REMARKS:

RI SYM: NEDO-21424 (NP)

TITLE: 238 NUCLEAR ISLAND CONTAINMENT BYPASS LEAKAGE SEALING & TESTING METHODS AND AMEND. NO. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	R. CAPRA	ASB	LEFAVE	WTL	04353	11-03-76			12-07-77	03-17-78
		CSB	FIELDS	MXF						
		CSB	GREENE	TAG						
		SSPB	BERGGREN	JXB						

REMARKS: GE RESPONSE TO 12/7/77 REQUEST RECEIVED 2/2/78; GE LTR 043079

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                          | INDUSTRY ORGANIZATION: GENERAL ELECTRIC                   |
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  RI SYM: NEDO-21506  (NP)

 TITLE: STABILITY AND DYNAMIC PERFORMANCE OF GE BOILING WATER REACTOR

REQ                               REVIEW                        REV    TAC      SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER             INIT   NUMBER   DATE       DATE       DATE       REQ DATE   DATE

LWR3   R. CAPRA                   SSPB     BERGGREN             JXB    04610    02-07-77

 REMARKS:
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 RI SYM: NEDO-21617A  (NP)                    SUBMIT DATE: 07-06-77    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 06-27-78
 TAC #: 04644
 TITLE: FITZPATRICK - "ANALOG TRANSMITTER/TRIP UNIT SYSTEM FOR ENGINEERED SAFEGUARD SENSOR TRIP INPUTS" & AMEND 1

 REMARKS: "A" VERSION DATED 12-20-78
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  RI SYM: NEDO-21708  (NP)

 TITLE: RADIATION EFFECTS IN BWR PV STEEL

REQ                               REVIEW                        REV    TAC      SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER             INIT   NUMBER   DATE       DATE       DATE       REQ DATE   DATE

LWR3   R. CAPRA                   MTEB     HAZELTON             WSH    04771    12-13-77
                                  SSPB     BERGGREN             JXB

 REMARKS:
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 RI SYM: NEDO-21778A  (NP)                    SUBMIT DATE: 01-24-78    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-13-78
 TAC #: 04802
 TITLE: TRANS PRESSURE RISES AFFECTING FRACTURE TOUGHNESS REQ FOR BWR'S

 REMARKS: "A" VERSION DTED 01-17-79
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 RI SYM: NEDO-21985  (NP)                     SUBMIT DATE: 12-11-78    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 02-27-81
 TAC #: 43512
 TITLE: TR "FUNCTIONAL CAPABILITY CRITERIA FOR ESSENTIAL MARK II PIPING"

 REMARKS: PART OF MARK II CONTAINMENT PROGRAM.
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                              T O P I C A L   R E P O R T   S T A T U S

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                          | INDUSTRY ORGANIZATION: GENERAL ELECTRIC          |
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   RI SYM: NEDO-23649  (NP)

  TITLE: APPLICATION OF PIPE BREAK CRITERIA INSIDE CONTAINMENT FOR BWR/6 218, 238 & 251 MK III PRODUCT LINES

REQ                            REVIEW                  REV    TAC       SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER               BRANCH   REVIEWER       INIT   NUMBER    DATE        DATE        DATE        REQ DATE    DATE

LWR3   R. CAPRA                SSPB     BERGGREN       JXB    04777     12-28-77                            08-05-81

  REMARKS: REQUEST NO 1 FOR ADDL INFO
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   RI SYM: NEDO-23978  (NP)

  TITLE: ADS SOLENOID VALVE RELIABILITY DEMONSTRATION

REQ                            REVIEW                  REV    TAC       SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER               BRANCH   REVIEWER       INIT   NUMBER    DATE        DATE        DATE        REQ DATE    DATE

SB     KANE                    SSPB     BERGGREN       JXB    05168

  REMARKS:
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   RI SYM: NEDO-24048  (NP)

  TITLE: EVALUATION OF ACOUSTIC PRESSURE LOADS ON BWR/6 INTERNAL COMPONENTS

REQ                            REVIEW                  REV    TAC       SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER               BRANCH   REVIEWER       INIT   NUMBER    DATE        DATE        DATE        REQ DATE    DATE

LWR3   R. CAPRA                MEB      BRAMMER        HLB    05064     09-29-78
                               SSPB     BERGGREN       JXB

  REMARKS: GESSAR POST-PDA ISSUE, EXEMPT FROM FEES.
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   RI SYM: NEDO-24083  (NP)

  TITLE: RECIRCULATION PUMP SHAFT SEAL LEAKAGE ANALYSIS

REQ                            REVIEW                  REV    TAC       SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER               BRANCH   REVIEWER       INIT   NUMBER    DATE        DATE        DATE        REQ DATE    DATE

SB     KANE                    SSPB     BERGGREN       JXB    05167     12-12-78
                               RSB      HODGES         MWH

  REMARKS:
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| INDUSTRY ORGANIZATION: GENERAL ELECTRIC |

RI SYM: NEDO-24259A (NP)   SUBMIT DATE: 03-19-81   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 11-12-80
TAC #: 42329
TITLE: TR "GENERIC INFORMATION FOR BARRIER FUEL BUNDLE LICENSING"

REMARKS: ACCEPTED VERSION DATED 2/81

RI SYM: NEDO-24712 (NP)

TITLE: TR "CORE SPRAY DISTRIBUTION METHODOLOGY CONFIRMATION TESTS"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43410	09-17-79				

REMARKS:

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RI SYM: GIBSAR-17  (NP)                  SUBMIT DATE: 06-23-81    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 08-12-81
TAC #: 09054
TITLE: GIBBS & HILL, INC.--QUALITY ASSURANCE PROGRAM--AMENDMENT 5

REMARKS:
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                    T O P I C A L   R E P O R T   S T A T U S

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                     | INDUSTRY ORGANIZATION: GILBERT ASSOCIATES                 |
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  RI SYM: GAI-TR-101  (P), GAI-TR-101  (NP)       SUBMIT DATE: 02-19-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 07-24-75
  TAC #: 00852
  TITLE: COMPUTATION OF RADIOLOGICAL CONSEQUENCES USING INHEC COMPUTER PROGRAM

  REMARKS:
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  RI SYM: GAI-TR-102  (NP)                        SUBMIT DATE: 01-19-74    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 04-22-76
  TAC #: 00798
  TITLE: DESIGN PARAMETERS FOR TORNADO GENERATED MISSILES

  REMARKS:
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   RI SYM: GAI-TR-103  (P), GAI-TR-103  (NP)

  TITLE: FLUID HISTORY COMPUTATION METHODS FOR REACTOR SAFEGUARDS PROBLEMS

REQ                          REVIEW                     REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG   REQUESTER              BRANCH   REVIEWER          INIT   NUMBER      DATE        DATE        DATE      REQ DATE      DATE

LWR1  H. CHAKOFF             CSB      BUTLER            WRB    04458     12-29-76    02-23-78                08-30-77
                             SSPB     BERGGREN          JXB

  REMARKS:
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  RI SYM: GAI-TR-104  (P), GAI-TR-104  (NP)       SUBMIT DATE: 12-10-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 08-12-77
  TAC #: 04457
  TITLE: ANALYSIS OF STHRUST AND JET INFRINGEMENT FORCES USING THE JIP COMPUTER PROGRAM

  REMARKS: APPROVED REPORT GAI-TR-104 P-A SUBMITTED 2/24/78; WITHHOLDING APPROVED 7/26/77
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  RI SYM: GAI-TR-105  (P), GAI-TR-105  (NP)       SUBMIT DATE: 01-17-77    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 03-29-78
  TAC #: 04454
  TITLE: HYDRAULIC ANALYSIS OF PIPING NETWORK USING PIPF COMPUTER PROGRAM

  REMARKS: RECEIVED APPVD RPTS 6/29/78 SUBJECT TO VERIFICATION OF ASSUMPTIONS FOR EACH USE; WITHHOLDING APPROVED 7/29/77
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  RI SYM: GAI-TR-106  (NP)                        SUBMIT DATE: 06-19-79    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 02-25-80
  TAC #: 09163
  TITLE: GILBERT/COMMONWEALTH--QUALITY ASSURANCE PROGRAM DESCRIPTIONS, REV. 2A

  REMARKS:
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: GULF & WESTERN |

RI SYM: FSD-2538 (NP)

TITLE: GULF & WESTERN TOPICAL REPORT: MAIN STEAM ISOLATION VALVE SYSTEMS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	ROOD	SSPB	BERGGREN	JXB	05395	01-24-79				
		EQB	WRIGHT	RFW						

REMARKS:

101

TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: H. H. ROBERTSON CO. |

RI SYM: HHR-1 (P), HHR-1 (NP)

TITLE: COMPOSITE STEEL PANELS FOR TORNADO MISSILE BARRIER WALLS REVISION 2

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	SSPB	BERGGREN	JXB	01969	06-09-77			01-24-78	
		SEB	ROTHBERG	OOR						

REMARKS: RESPONSES TO QUESTIONS RECEIVED 4-5-78.

RI SYM: HHR-2 (NP)

TITLE: CONTROLLED RELEASE WALL SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	J. SNELL	SSPB	BERGGREN	JXB	04803	12-01-76			03-28-77	

REMARKS: REC'D RESPONSES TO QUESTIONS DATED 5/5/77

| INDUSTRY ORGANIZATION: HITTMAN NUCLEAR & DEVELOPMENT CORP. |

RI SYM: HN-R-1109 (P), HN-R-1109 (NP) SUBMIT DATE: 06-09-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 04-27-78
TAC #: 04657
TITLE: RADWASTE SOLIDIFICATION SYSTEM (CEMENT), REV 4

REMARKS:

103 BEST DOCUMENT AVAILABLE

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| INDUSTRY ORGANIZATION: J. A. JONES CONST. CO.                 |
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  RI SYM: JAJ-TR-1  (NP)                      SUBMIT DATE: 01-28-78    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 02-16-78
  TAC #: 09068
  TITLE: TOPICAL QUALITY ASSURANCE REPORT FOR CONSTRUCTION PHASE OF NUCLEAR POWER PLANTS, REV. 1

  REMARKS:
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104 BEST DOCUMENT AVAILABLE

TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: JGC CORPORATION |

RI SYM: JGC-TR-001 (P), JGC-TR-001 (NP)

TITLE: TR "THE DRUM MIXER PROCESS FOR VOLUME REDUCTION & SOLIDIFICATION"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47369	11-20-81				

REMARKS:

105

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INDUSTRY ORGANIZATION: JOHN BLUME & ASSOCIATES

RI SYM: PIPESD-1 (NP)
TAC #: 03880
TITLE: PIPE STATIC AND DYNAMIC ANALYSIS

SUBMIT DATE: 08-06-73
CONCLUSION: WITHDRAWN
LETTER TO IND ORG: 05-20-74

REMARKS:

106

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| INDUSTRY ORGANIZATION: MISSISSIPPI POWER & LIGHT               |
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  RI SYM: MPL-TOP-1  (NP)                SUBMIT DATE: 03-20-81    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-22-81
  TAC #: 09166
  TITLE: OPERATIONAL QA MANUAL, REV 2

  REMARKS:
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                    | INDUSTRY ORGANIZATION: NEWPORT NEWS INDUSTRIAL          |
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   RI SYM: EI-NNI-77-7  (P), EI-NNI-77-7  (NP)

  TITLE: TR "RWR-1 TM RADWASTE VOLUME REDUCTION SYSTEM

REQ                           REVIEW                      REV    TAC      SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER              BRANCH   REVIEWER           INIT   NUMBER    DATE       DATE       DATE     REQ DATE     DATE

LWR2   R. BAER                SSPB     BERGGREN           JXB    04614    11-25-80                        09-16-81
                              TMIP                                                           12-15-77
                              ETSB     HAYES              JGH
                              ETSB     BANGART            RQB
                              RAB      HINSON             XCH
  REMARKS: REQUEST #4 FOR ADD INFO EC'D
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   RI SYM: NNI-81-6  (P), NNI-81-6  (NP)

  TITLE: TR "WASTE SOLIDIFICATION & PACKAGING SYSTEM (WSP)"

REQ                           REVIEW                      REV    TAC      SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER              BRANCH   REVIEWER           INIT   NUMBER    DATE       DATE       DATE     REQ DATE     DATE

SSPB   BERGGREN               SSPB     BERGGREN           JXB    46583    06-25-81
  REMARKS: REVIEW, COMMENT & PREPARE SER
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: NORTHEAST UTILITIES |

RI SYM: NU-QA-1 (NP)

TITLE: NU-QA-1 TOPICAL QUALITY ASSURANCE PROGRAM MANUAL, REV. 4

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
QAB	HAASS	QAB	CONWAY	JTC	09164	12-11-81		03-05-82		

REMARKS:

| INDUSTRY ORGANIZATION: OTTO H. YORK |

RI SYM: YORK-80-67479 (NP)

TITLE: TR PERFORMANCE OF YORK MODEL 299 TYPE 3G DEMISTER MOISTURE SEPARATOR IN REMOVING DROPLETS IN AN AIR-STRM DISPERSION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	42354	04-21-80			10-22-80	
		ETSB	BANGART	RQB						

REMARKS: REVIEW, COMMENT AND PREPARE SER

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| INDUSTRY ORGANIZATION: OWENS CORNING FIBERGLASS          |

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RI SYM: OCF-1  (P), OCF-1  (NP)          SUBMIT DATE: 09-01-77    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-08-78
TAC #: 04672
TITLE: NUCLEAR CONTAINMENT INSULATION SYSTEM

REMARKS:
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| INDUSTRY ORGANIZATION: PACIFIC NORTHWEST |

RI SYM: PNL-74-1 (NP) SUBMIT DATE: 10-17-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-09-74
TAC #: 03886
TITLE: FINAL REPORT REMOVAL OF IODINE BY CONTAINMENT SPRAYS CONTAINING TRACE LEVELS OF HYDRAZINE

REMARKS:

112

BEST DOCUMENT AVAILABLE

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| INDUSTRY ORGANIZATION: PORTLAND GENERAL ELECTRIC     |

RI SYM: PGE-8003  (NP)                    SUBMIT DATE: 06-00-78    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-27-77
TAC #: 09078
TITLE: NUCLEAR PROJECTS QA PROGRAM--PORTLAND GENERAL ELECTRIC - REV. 3

REMARKS: REV. 3 INDEFINITELY POSTPONED BY PORTLAND GENERAL ELECTRIC DUE TO MORATORIUM ON PEBBLE SPRINGS PLANT
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TOPICAL REPORT STATUS

INDUSTRY ORGANIZATION: RALPH M. PARSONS QA PROGRAM

RI SYM: P-TOP-QA1 (HP) SUBMIT DATE: 03-17-78 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-27-78
TAC #: 09066
TITLE: PARSONS QUALITY ASSURANCE PROGRAM FOR NUCLEAR FACILITIES -- REV. 2

REMARKS:

TOPICAL REPORT STATUS

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| INDUSTRY ORGANIZATION: SAN DIEGO GAS & ELECTRIC               |
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  RI SYM: SDQAPD-1  (NP)                          SUBMIT DATE: 02-00-78    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 03-15-78
  TAC #: 09118
  TITLE: SAN DIEGO GAS & ELECTRIC--QA PROGRAM DESCRIPTION, REV 1A

  REMARKS:
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: SARGENT & LUNDY |

RI SYM: S&L-TR-1A (NP)

TITLE: S&L-QAP-1 QUALITY ASSURANCE PROGRAM--REV 6

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
QAB	HAASS	QAB	SPRAUL	JGS	09072	09-29-80			10-24-80	11-08-77

REMARKS: QUALITY ASSURANCE PROGRAM REV 6

| INDUSTRY ORGANIZATION: SCANDPOWER INC |

RI SYM: SCP-01 (NP)

TITLE: TR "RADCAL GAMMA THERMOMETERS"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43322	01-09-81				
		CPB	LOIS	LAL						

REMARKS: REVIEW, COMMENT & PREPARE SER

INDUSTRY ORGANIZATION: SEACS

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RI SYM: SEACS-1  (NP)                          SUBMIT DATE: 01-19-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 07-16-76
TAC #: 03864
TITLE: SEISMIC INSTRUMENT & EVAL SYS FOR NUCLEAR PLANT FACILITIES

REMARKS: ADVISED MEETS PART OF REG. GUIDE 1.12
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| INDUSTRY ORGANIZATION: SOUTHERN CALIFORNIA EDISON COMPANY |

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RI SYM: SCE-1  (NP)                       SUBMIT DATE: 05-08-81    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 11-02-81
TAC #: 09132
TITLE: SCE-1 QA PROGRAM--AMENDMENT 4

REMARKS:
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| INDUSTRY ORGANIZATION: SPRAYING SYSTEMS CO                    |

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  RI SYM: SSCO-15215  (NP)              SUBMIT DATE: 06-03-77    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 07-03-79
  TAC #: 04589
  TITLE: CONTAINMENT SPRAY NOZZLES FOR NUCLEAR POWER PLANTS

  REMARKS: RECEIVED UPDATED VERSION OF TOPICAL REPORT WITH COPY OF NRC EVALUATION ON 8-3-79.
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| INDUSTRY ORGANIZATION: STOCK EQUIPMENT COMPANY |

RI SYM: SRS-001 (NP)

TITLE: STOCK EQUIPMENT COMPANY SOLID RADWSATE SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
RAB	BAER	SSPB ETSB RAB	BERGGREN BANGART HINSON	JXB RQB XCH	05220	04-09-79				

REMARKS:

| INDUSTRY ORGANIZATION: STONE & WEBSTER |

RI SYM: RP-8 (NP) SUBMIT DATE: 05-08-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 04-04-75
TAC #: 01006
TITLE: RADIATION SHIELDING, DESIGN AND ANALYSIS APPROACH FOR LIGHT WATER REACTOR POWER PLANTS

REMARKS:

RI SYM: SWECO-7501 (P), SWECO-7501 (NP) SUBMIT DATE: 01-29-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 04-22-77
TAC #: 01428
TITLE: TWO DIMENSIONAL COASTAL STORM SURGE MODEL

REMARKS:

RI SYM: SWECO-7506 (NP)

TITLE: PRIMARY CONTAINMENT INTEGRATED LEAKAGE RATE TESTING

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR4	J. WILSON	SSPB	BERGGREN	JXB	04582	05-04-77			08-26-77	

REMARKS: WAITING FOR RESULTS FROM PROPOSED CHANGES TO APPENDIX J AND ANSI N-274

RI SYM: SWECO-7601 (NP) SUBMIT DATE: 12-06-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 01-12-79
TAC #: 04423
TITLE: INDEPENDENT SPENT FUEL STORAGE FACILITY

REMARKS: LETTER OF 1-12-79 IDENTIFIED SPECIFIC SECTIONS OF TOPICAL REPORT THAT MAY BE REFERENCED IN A SITE-SPECIFIC APPLICATION.

RI SYM: SWECO-7602 (NP) SUBMIT DATE: 12-20-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 04-22-77
TAC #: 04455
TITLE: PWR REFERENCE NUCLEAR POWER PLANT BORON RECOVERY SYSTEM

REMARKS:

RI SYM: SWECO-7701 (NP) SUBMIT DATE: 04-01-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 08-19-77
TAC #: 04547
TITLE: PWR REFERENCE NUCLEAR POWER PLANT LAUNDRY WASTE PROCESSING SYSTEM

REMARKS:

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                           | INDUSTRY ORGANIZATION: STONE & WEBSTER                   |
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   RI SYM: SWECO-7703  (NP)

  TITLE: MISSILE-BARRIER INTERACTION

REQ                               REVIEW                         REV    TAC      SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                  BRANCH    REVIEWER             INIT   NUMBER   DATE       DATE        DATE        REQ DATE    DATE

LWR1   J. WILSON                  SEB       ROTHBERG             OOR    04723    09-23-77
                                  SSPB      BERGGREN             JXB

  REMARKS:
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   RI SYM: SWECO-8101  (NP)

  TITLE: TR"MODELS USED IN LOCTVS-A COMP CODE TO DETER PRES & TEMP RESP OF VAPOR SUPPR CONTNMT FOLLOWING LOSS-OF-COOL ACCIDNT

REQ                               REVIEW                         REV    TAC      SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                  BRANCH    REVIEWER             INIT   NUMBER   DATE       DATE        DATE        REQ DATE    DATE

SSPB   BERGGREN                   SSPB      BERGGREN             JXB    43576    03-06-81

  REMARKS: REPLACES SWECO 7503 - APPLICABLE TO RIVER BEND 1&2 AND NINE MILE POINT 2
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  RI SYM: SWND-1  (P), SWND-1A  (NP)            SUBMIT DATE: 12-06-71    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 10-07-74
  TAC #: 03862
  TITLE: LOCTIC - A COMPUTER CODE TO DETERMINE THE PRESSURE AND TEMPERATURE RESPONSE OF A DRY CONTAINMENTS TO A LOCA

  REMARKS: S & W RESPONSE ON 11-01-74, S & W WILL UPDATE REPORT
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  RI SYM: SWND-2  (NP)                          SUBMIT DATE: 05-21-74    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 10-07-74
  TAC #: 03882
  TITLE: LOCTVS - COMPUTER CODE FOR PRESSURE AND TEMP. RESPONSE OF PRESSURE SUPPRESSION CONTNMNT (INCLDG SUPP 1 & 2)

  REMARKS: S & W RESPONSE ON 11-01-74, S & W WILL UPDATE REPORT
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  RI SYM: SWND-5  (NP)                          SUBMIT DATE: 12-10-69    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 10-07-74
  TAC #: 03883
  TITLE: RECOMMENDED ALLOWABLE MEMBRANE SHEAR FOR RESISTING EARTHQUAKE FORCES IN CONTAINMENT STRUCTURE (INCLDG SWND-5S)

  REMARKS: S & W RESPONSE ON 11-01-74, S & W IS CONSIDERING RESUBMITTING REPORT
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  RI SYM: SWSQAP-1-74A  (NP)                    SUBMIT DATE: 11-20-75    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-22-78
  TAC #: 00898
  TITLE: STANDARD NUCLEAR QA PROGRAM, REV. C

  REMARKS:
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                         | INDUSTRY ORGANIZATION: TELEDYNE ENERGY                     |
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   RI SYM: PPI-TR-7701  (NP)

  TITLE: TR "LI-FORM RADWASTE SOLIDIFICATION SYSTEM" REV1

REQ                            REVIEW                         REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG     REQUESTER              BRANCH    REVIEWER             INIT    NUMBER    DATE       DATE        DATE        REQ DATE    DATE

LWR2    R. BENEDICT            ETSB      BANGART              RQB     04864     12-28-79   06-01-80                07-17-81
                               ASB       HARRISON             GAH
                               ETSB      CHANDRASEKARAN       TBC
                               SSPB      BERGGREN             JXB
                               RAB       HINSON               XCH

  REMARKS: REC'D RESPONSE DATED 7/23/81 TO REQUEST 2 FOR ADDITIONAL INFO
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TOPICAL REPORT STATUS

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    | INDUSTRY ORGANIZATION: TENNESSEE VALLEY AUTHORITY          |
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  RI SYM: TVA-TR-75-1A  (NP)                          SUBMIT DATE: 08-04-80    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 08-18-80
  TAC #: 09105
  TITLE: TVA-TR-75-1A TVA-TR-75-1A QUALITY ASSURANCE PROGRAM REV5

  REMARKS:
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   RI SYM: TVA-TR-79-01  (NP)

  TITLE: TVA TOP CAL REPQRTS ON LATTICE PHYSICS & CORE SIMULATIONS

REQ                             REVIEW                       REV     TAC       SUBMIT       REQ TARG     EST COMP    ADD INFO     REV COMP
ORG    REQUESTER                BRANCH    REVIEWER           INIT   NUMBER      DATE          DATE         DATE      REQ DATE       DATE

ORB3   CLARK                    CPB       BROOKS             WXB     11552    02-16-76                                            08-22-79
                                ORB2      CLARK              RJC                                                                  10-16-79
                                SPEB      VANDERMOLEN        HJV                                         01-01-80                 10-17-79
                                SSPB      BERGGREN           JXB
                                CRBR      MORRIS             BMM                                                                  03-27-79

  REMARKS:
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   RI SYM: TVA-TR78-04  (NP)

  TITLE: DESIGN OF STRUCTURES TO RESIST MISSILE IMPACT

REQ                             REVIEW                       REV     TAC       SUBMIT       REQ TARG     EST COMP    ADD INFO     REV COMP
ORG    REQUESTER                BRANCH    REVIEWER           INIT   NUMBER      DATE          DATE         DATE      REQ DATE       DATE

LWR2   BAER                     SEB       ROTHBERG           OOR     05047    10-16-78
                                SSPB      BERGGREN           JXB

  REMARKS:
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  RI SYM: TVA-0-7049  (NP)                            SUBMIT DATE: 07-12-73    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-04-74
  TAC #: 00625
  TITLE: CONCRETE FOR PRESTRESSED CONTAINMENTS, TESTS FOR CREEP AND SHRINKAGE USING FLY ASH CONCRETE

  REMARKS:
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: TENNESSEE VALLEY AUTHORITY |

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RI SYM: TVA-74-1 (NP)

TITLE: THE GENERATION OF MISSILES BY TORNADOES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	R. BAER	AEB	READ	JXR	01366	12-26-74				05-15-76

REMARKS: NOT UNDER ACTIVE REVIEW.

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                         T O P I C A L   R E P O R T   S T A T U S

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                    | INDUSTRY ORGANIZATION: TRANSNUCLEAR INC.                |
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  RI SYM: TN-RW-101  (P), TN-RW-101  (NP)

 TITLE: TR "TN 220 RADIOACTIVE WASTE VOLUME REDUCTION SYSTEM"

REQ                           REVIEW                      REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH   REVIEWER           INIT   NUMBER    DATE       DATE        DATE        REQ DATE    DATE

SSPB   BERGGREN               SSPB     BERGGREN           JXB    43301     12-24-80
                              RAB      HINSON             XCH

 REMARKS: REVIEW COMMENT AND PREPARE SER REVIEW PROPRIETARY AFFADAVIT & COMMENT
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| INDUSTRY ORGANIZATION: UNITED ENG. AND CONSTRUCTORS |

RI SYM: UEC-TR-001-5A (NP) SUBMIT DATE: 03-14-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 03-21-78
TAC #: 09013
TITLE: UEC-TR-001-0 UNITED ENGINEERS & CONTRUCTORS-REVIEW REVISION 5 TO TOPICAL REPORT - QA PROGRAM

REMARKS:

RI SYM: UEC-TR-002-0 (NP) SUBMIT DATE: 11-07-75 CONCLUSION: NOT ACCEPTED LETTER TO IND ORG: 07-27-76
TAC #: 03027
TITLE: CHARACTERISTICS OF TORNADO GENERATED MISSILES

REMARKS:

RI SYM: UEC-TR-004-1 (NP)

TITLE: COMPRESS--A CODE FOR CALCULATING SUBCOMPARTMENT PRESSURE RESPONSES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	D. TIBBITTS	SSPB	BERGGREN	JXB	04503	10-17-78				

REMARKS: SUSPENDED.

RI SYM: UEC-TR-006-0 (NP)

TITLE: PREDICTION OF CONTAINMENT - TEMPERATURE TRANSIENTS USING CONTRAST-S - A DIGITAL COMPUTER CODE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR2	D. L. TIBBITTS	SSPB	BERGGREN	JXB	04576	08-11-79			11-29-78	

REMARKS: RESPONSE TO RAI RECEIVED ON 8/11/79

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                       T O P I C A L   R E P O R T   S T A T U S                                   AS OF 01/20/82
                                                                                                  PAGE: II-124
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                     | INDUSTRY ORGANIZATION: UTILITY GROUP FOR REG. APPLICATION  |
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   RI SYM: EPRI-NP  (NP)

  TITLE: TR"RETRAN-02-A PROGRAM FOR TRANSIENT THERMAL-HYDRAULIC ANALYSIS OF COMPLEX FLUID FLOW SYSTEMS"

REQ                          REVIEW                          REV    TAC        SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH   REVIEWER               INIT   NUMBER     DATE       DATE        DATE        REQ DATE    DATE

LWR2   HOUGHTON              SSPB     BERGGREN               JXB    05355      10-23-81
                             CPB      PHILLIPS               LEP                                      12-30-82
                             RSB      LONG                   JKL

  REMARKS: RECD RETRAN 02 EPRI NP-1850 CCM SUBMITTED 10/23/81
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                 | INDUSTRY ORGANIZATION: VIR. ELECTRIC & POWER CO          |
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  RI SYM: VEP-FRD-19A  (NP)                 SUBMIT DATE: 08-10-81    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-18-81
  TAC #: 43231
  TITLE: TR "THE PDQ07 DISCRETE MODEL"

  REMARKS: "A" VERSION DATED 7/81
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  RI SYM: VEP-FRD-20A  (NP)                 SUBMIT DATE: 08-10-81    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-20-81
  TAC #: 43232
  TITLE: TR "PDQ07 ONE ZONE MODEL"

  REMARKS: "A" VERSION DATED 7/81
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   RI SYM: VEP-FRD-23  (NP)

  TITLE: TOPICAL REPORT - VEPCO THERMAL HYDRAULIC ANALYSIS MODEL-

REQ                          REVIEW                       REV    TAC       SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER             BRANCH     REVIEWER          INIT   NUMBER    DATE       DATE       DATE       REQ DATE   DATE

ORB1   NEIGHBORS             SSPB       BERGGREN          JXB    08703     09-19-78

  REMARKS:
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  RI SYM: VEP-FRD-24A  (NP)                 SUBMIT DATE: 08-10-81    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-13-81
  TAC #: 10193
  TITLE: TOPICAL REPORT-VEPCO FLAME MODEL

  REMARKS: "A" VERSION DATED 7/81
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   RI SYM: VEP-FRD-33  (NP)

  TITLE: TR "VEPCO REACTOR CORE THERMAL-HYDRAULIC ANALYSIS USING THE COBRA MC/MIT COMPUTER CODE"

REQ                          REVIEW                       REV    TAC       SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER             BRANCH     REVIEWER          INIT   NUMBER    DATE       DATE       DATE       REQ DATE   DATE

SSPB   BERGGREN              CPB        GUPTA             SBG    42340     06-12-81                         04-09-81
                             SSPB       BERGGREN          JXB

  REMARKS: RECEIVED RESP TO REQUEST NO. 1 FOR ADDITIONAL INFORMATION
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  RI SYM: VEP-FRD-36A  (NP)                 SUBMIT DATE: 05-12-80    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-07-80
  TAC #: 41035
  TITLE: CONTROL ROD BANK REACTIVITY WORTH TESTS BY ROD SWAP TECHNIQUES

  REMARKS: "A" VERSION DATED 12/80 SER RECD
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| INDUSTRY ORGANIZATION: VIR. ELECTRIC & POWER CO |

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RI SYM: VEP-FRD-41 (NP)

TITLE: TR "REACTOR SYSTEM TRANSIENT ANALYSES USING THE RETRAN COMPUTER CODE"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43756	04-14-81				
		RSB	CARTER	JBC						
		CPB	GUPTA	SBG						

REMARKS: REVIEW, COMMENT & PREPARE SER

RI SYM: VEP-FRD-42 (NP)

TITLE: TR "RELOAD NUCLEAR DESIGN METHODOLOGY"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	46570	06-21-81				

REMARKS: REVIEW, COMMENT & PREPARE SER

RI SYM: VEP-FRD-45 (NP)

TITLE: TR "VEPCO NUCLEAR DESIGN RELIABILITY FACTORS"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47190	11-04-81				

REMARKS:

RI SYM: VEP-1-3A (NP)

TITLE: QUALIFY ASSURANCE PROGRAM--OPERATIONS PHASE - AMENDMENT 4

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
QAB	HAASS	QAB	CONWAY	JTC	09094	07-06-81		04-02-82		

REMARKS:

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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: WASHINGTON PUBLIC POWER SUPPLY |

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RI SYM: WPPSS-QA-004 (NP)

TITLE: OPERATIONAL QUALITY ASSURANCE PROGRAM DESCRIPTION, REV. 4

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
QAB	HAASS	QAB	CONWAY	JTC	09139	12-01-80		02-05-82		

REMARKS:

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| INDUSTRY ORGANIZATION: WERNER & PFLEIDERER CORP                 |
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  RI SYM: WCP-URS-1  (NP)                    SUBMIT DATE: 12-00-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 04-12-78
  TAC #: 04384
  TITLE: RADWASTE VOLUME REDUCTION & SOLIDIFICATION SYSTEM

  REMARKS:
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                          | INDUSTRY ORGANIZATION: WESTINGHOUSE                         |
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  RI SYM: NS-TMA-2448  (P),    (NP)             SUBMIT DATE: 06-12-81    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-01-81
  TAC #: 46496
  TITLE: REC'D 7/15/81 RESPONSE TO D. POWERS 7/10/81 REQUEST FOR INFO

  REMARKS: ACCEPTED VERSION TO BE REVISION OF WCAP 9220 REQUEST FOR ADDL INFORMATION
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   RI SYM: WCAP-0639  (P),    (NP)

  TITLE: REPT ON SMALL BRK ACCIDENTS FOR WESTINGHSE NUCLEAR STEAM SUPPLY SYS(NSSS) WITH UPPER HEAD INJECT(UHI)

REQ                               REVIEW                    REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                  BRANCH    REVIEWER        INIT    NUMBER     DATE        DATE        DATE      REQ DATE      DATE

LWR1   KINTNER                    SSPB      BERGGREN        JXB     05360     12-13-79
                                  RSB       LAUBEN          NGL
                                  ORAB      HOLAHAN         GXH                                                               07-31-80

  REMARKS:
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  RI SYM: WCAP-7048  (P), WCAP-7757  (NP)       SUBMIT DATE: 12-13-73    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 07-29-74
  TAC #: 00793
  TITLE: THE PANDA CODE

  REMARKS: APPROVED REPORTS 01-09-75; LIMITED TO TIME INTERVALS GREATER THAN SEVERAL MINUTES
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  RI SYM: WCAP-7153  (P), WCAP-7826  (NP)       SUBMIT DATE: 03-00-68    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-01-74
  TAC #: 00223
  TITLE: INVESTIGATION OF CHEMICAL ADDITIVES FOR REACTOR CONTAINMENT SPRAYS

  REMARKS: APPVD RPT WCAP-7153-A 4/10/75 SUPERCEDES WCAP-7153(P) & WCAP-7826(NP); WITHHOLDING DENIED 10/20/77.
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  RI SYM: WCAP-7213  (P), WCAP-7758  (NP)       SUBMIT DATE: 12-13-73    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 07-25-74
  TAC #: 00796
  TITLE: THE TURTLE 24.0 DIFFUSION DEPLETION CODE

  REMARKS: APPVD REPORTS 4/10/75; LIMITED TO TIME INTERVALS GREATER THAN SEVERAL MINUTES; WITHHOLDING APPROVED 9/27/77
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  RI SYM: WCAP-7240  (P), WCAP-7966  (NP)       SUBMIT DATE: 07-10-72    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 03-17-77
  TAC #: 00274
  TITLE: AN EXPERIMENTAL INVESTIGATION OF THE EFFECT OF OPEN CHANNEL FLOW ON THERMAL-HYDRO-DYNAMIC FLOW

  REMARKS: INFORMATION NOT REQUIRED FOR REVIEW; WITHHOLDING APPROVED 11/9/77
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                    | INDUSTRY ORGANIZATION: WESTINGHOUSE                         |
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  RI SYM: WCAP-7308L  (P), WCAP-7308  (NP)

 TITLE: EVALUATION OF NUCLEAR HOT CHANNEL FACTOR UNCERTAINTIES

REQ                              REVIEW                      REV    TAC      SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                 BRANCH   REVIEWER           INIT   NUMBER   DATE       DATE        DATE        REQ DATE    DATE

LWR1   L KINTNER                 SSPB     BERGGREN           JXB    04661    07-09-70                           05-15-78
                                 CPB      RICHINGS           HJR

 REMARKS: WITHHOLDING APPROVED 10/5/77;
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 RI SYM: WCAP-7332-L  (P), WCAP-7822  (NP)       SUBMIT DATE: 02-26-70    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-02-72
 TAC #: 03861
 TITLE: INDIAN POINT UNIT. 2 REACTOR INTERNALS MECHANICAL ANALYSIS FOR BLOWDOWN EXCITATION

 REMARKS: APPVD RPT 7332-L(P)-A 11/15/73; APPVD VERSION OF WCAP-7822 NOT FILED; WITHHOLDING APPROVED 12/23/71
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  RI SYM: WCAP-7380-L  (P),    (NP)

 TITLE: REVIEW WCAP-7669 AND 7380-L NUCLEAR INSTRUMENTATION SYSTEM

REQ                              REVIEW                      REV    TAC      SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                 BRANCH   REVIEWER           INIT   NUMBER   DATE       DATE        DATE        REQ DATE    DATE

LWR1   R. DEYOUNG                ADOR     NOVAK              TMN    00217                                                   01-24-74
                                 SSPB     BERGGREN           JXB

 REMARKS:
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 RI SYM: WCAP-7406  (NP)                         SUBMIT DATE: 03-00-71    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-17-73
 TAC #: 03873
 TITLE: PART LENGTH ROD CONTROL SYSTEM

 REMARKS: ACCEPTED FOR DESCRIPTION ONLY; SAFETY IMPLICATIONS OF MALFUNCTIONS REQUIRED IN SAR
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 RI SYM: WCAP-7408-L  (P), WCAP-7718  (NP)       SUBMIT DATE: 02-00-70    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-26-72
 TAC #: 03885
 TITLE: ROBERT E. GINNA UNIT NO. 1 INTERNALS ASSURANCE PROGRAM

 REMARKS: FORCING FUNCTIONS, ANALYSIS METHODS, COMPARISON OF SIMILARITY REQUIRED IN SAR; WITHHOLDING APPROVED 10/26/77
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TOPICAL REPORT STATUS

INDUSTRY ORGANIZATION: WESTINGHOUSE

RI SYM: WCAP-7410-L (P), WCAP-7744 (NP)

TITLE: ENVIRONMENTAL TESTING OF ENGINEERED SAFETY FEATURES RELATED EQUIPMENT (NSSS - STANDARD AND NONSTANDARD SCOPE)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	H. SPECTER	SSPB	BERGGREN	JXB	00482	12-00-70			02-22-80	

REMARKS: WITHHOLDING APPROVED 12/23/71 AND 5/9/79; ADDITIONAL INFORMATION REQUESTED 1/24/80.

RI SYM: WCAP-7411-L (P), WCAP-7813 (NP) SUBMIT DATE: 07-14-70 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-13-74
TAC #: 00275
TITLE: ROD BUNDLE AXIAL NON-UNIFORM HEAT FLUX DNB TESTS AND DATA, REV. 1

REMARKS: APPROVED REPORTS 1/28/75; WITHHOLDING APPROVED 10/20/77

RI SYM: WCAP-7426 (NP) SUBMIT DATE: 04-16-70 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-08-72
TAC #: 03877
TITLE: IODINE REMOVAL IN THE ICE CONDENSER SYSTEM

REMARKS: ACCEPTED PROVIDED ELEMENTAL IODINE REMOVAL EFFICIENCY EQUAL 30%

RI SYM: WCAP-7477-L (P), WCAP-7735 (NP) SUBMIT DATE: 03-00-70 CONCLUSION: ACCEPTED LETTER TO IND ORG: 05-15-73
TAC #: 03863
TITLE: SENSITIZED STAINLESS STEEL IN WESTINGHOUSE PWR NUCLEAR STEAM SUPPLY SYSTEMS

REMARKS: ACCEPTED PROVIDED WATER CHEMISTRY AND CONTAMINATION ARE CONTROLLED; WITHHOLDING APPROVED 9/27/77.

RI SYM: WCAP-7488-L (P), WCAP-7672 (NP) SUBMIT DATE: 01-00-71 CONCLUSION: ACCEPTED LETTER TO IND ORG: 03-06-74
TAC #: 00206
TITLE: SOLID STATE LOGIC PROTECTION SYSTEM

REMARKS: ACCEPTED PROVIDED SAR INCLUDES QUALIFICATION, CONNECTION, INDEPENDENCE, SAFETY FUNCTIONS, WITHHOLDING APPVD 10/26/77

RI SYM: WCAP-7499-L (P), WCAP-7499 (NP) SUBMIT DATE: 06-26-70 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 11-25-74
TAC #: 00225
TITLE: ELEMENTAL IODINE REMOVAL BY REACTIVE SPRAYS

REMARKS: WITHDRAWN BY WESTINGHOUSE LETTER 12-16-74

RI SYM: WCAP-7503 (NP) SUBMIT DATE: 02-09-72 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 01-19-76
TAC #: 03872
TITLE: DETERMINATION OF DESIGN PIPE BREAKS FOR WESTINGHOUSE REACTOR COOLANT SYSTEM, REV. 1

REMARKS: REPLACED BY WCAP-8082.

RI SYM: WCAP-7506-L (P), WCAP-7819 (NP) SUBMIT DATE: 02-00-70 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-03-74
TAC #: 00792
TITLE: TEST REPORT NUCLEAR INSTRUMENTATION SYSTEM ISOLATION AMPLIFIER, REV. 1

REMARKS: APPVD REPORTS 4/28/75; SAR MUST SHOW ADEQUATE SEPARATION OF CONNECTIONS; WITHHOLDING APPVD 10/26/77

RI SYM: WCAP-7508-L (P), WCAP-7685 (NP) SUBMIT DATE: 12-00-70 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-06-73
TAC #: 03867
TITLE: TEST REPORT OF ISOLATION AMPLIFIERS

REMARKS: APPVD REPORTS 5/22/75; APPLICABLE TO FOXBORO CURRENT CONNECTORS & CURRENT REPEATERS; WITHHOLDING APPVD 10/26/77

RI SYM: WCAP-7509-L (P), WCAP-7824 (NP) SUBMIT DATE: 04-20-70 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-06-73
TAC #: 03866
TITLE: ISOLATION TESTS PROCESS INSTRUMENTATION ISOLATION AMPLIFIER COMPUTER AND INSTRUMENTATION DIVISION MODEL 131-110 WEST

REMARKS: APPLICABLE TO FAULTS OF 48 TO 120 VOLTS DC AND 117 TO 460 VOLTS AC; WITHHOLDING APPROVED 12/23/71

RI SYM: WCAP-7547-L (P), WCAP-7671 (NP) SUBMIT DATE: 04-20-70 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 01-04-74
TAC #: 00216
TITLE: REVIEW WCAP-7671, WCAP-7547-L PROCESS INSTRUMENTATION FOR WNSSS

REMARKS: NOT CONSIDERED TOPICAL REPORT

RI SYM: WCAP-7558 (NP)

TITLE: SEISMIC VIBRATION TESTING WITH SINE BEATS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB	BERGGREN	JXB	00706	10-04-72				

REMARKS: REVIEWED TOGETHER WITH WCAP-7817. ICB REVIEW DEFERRED FOR HIGHER PRIORITY WORK; MEB REVIEW COMPLETED 8/26/76.

RI SYM: WCAP-7571 (NP) SUBMIT DATE: 03-00-71 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-17-73
TAC #: 03859
TITLE: ROD POSITION MONITORING

REMARKS: ACCEPTED FOR DESCRIPTION ONLY; SAFETY IMPLICATIONS OF MALFUNCTIONS REQUIRED IN SAR

RI SYM: WCAP-7588 (NP) SUBMIT DATE: 12-00-71 CONCLUSION: ACCEPTED LETTER TO IND ORG: 08-28-73
TAC #: 03860
TITLE: AN EVALUATION OF THE ROD EJECTION ACCIDENT IN WEST. PRESSURIZED WATER REACTORS USING SPECIAL KINETICS METHODS, REV. 1

REMARKS: APPROVED REPORT 01-07-75

TOPICAL REPORT STATUS

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| INDUSTRY ORGANIZATION: WESTINGHOUSE                      |
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  RI SYM: WCAP-7593  (P), WCAP-7918  (NP)        SUBMIT DATE: 07-10-75    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 11-03-77
  TAC #: 04505
  TITLE: BLOWDWN-2--CODE REACTOR COOLANT TRANSIENTS DURING BLOWDOWN

  REMARKS: TO BE REVIEWED FOR USE IN SPECIFIC ANALYSES; USE IN WCAP-8708 APPROVED 6/17/77
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  RI SYM: WCAP-7607  (NP)                        SUBMIT DATE: 07-10-75    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 01-04-74
  TAC #: 00315
  TITLE: EVALUATE WCAP-7607 IN-CORE INSTRUMENTATION (FLUX MAPPING & HERMOCOUPLES

  REMARKS: NOT CONSIDERED TOPICAL REPORT
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  RI SYM: WCAP-7667-L  (P), WCAP-7755  (NP)      SUBMIT DATE: 05-05-71    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 06-13-74
  TAC #: 00276
  TITLE: INTERCHANNEL THERMAL MIXING WITH MIXING VANE GRIDS

  REMARKS: APPROVED REPORTS 1/27/75; WITHHOLDING APPROVED 9/22/77
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  RI SYM: WCAP-7695-L  (P), WCAP-7958  (NP)      SUBMIT DATE: 07-19-73    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 06-13-74
  TAC #: 00273
  TITLE: DNB TEST RESULTS FOR NEW MIXING VANE GRIDS (R)

  REMARKS: APPVD REPORTS 1/21/75; INCLUDES ADD 1, DNB TEST RESULTS FOR COLD WALL CELLS; WITHHOLDING APPROVED 10/20/77
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  RI SYM: WCAP-7705  (NP)                        SUBMIT DATE: 03-16-73    CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 07-14-75
  TAC #: 00949
  TITLE: TESTING OF ENGINEERING SAFETY FEATURES ACTUATION SYSTEM, REV. 1

  REMARKS:
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   RI SYM: WCAP-7706  (NP)

  TITLE: AN EVALUATION OF SOLID STATE LOGIC REACTOR PROTECTION IN ANTICIPATED TRANSIENTS

REQ                             REVIEW                        REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                BRANCH    REVIEWER            INIT   NUMBER    DATE       DATE        DATE        REQ DATE    DATE

LWR1   J. CURRY                 ICB       ROSA                FXR    00396     02-00-73
                                SSPB      BERGGREN            JXB

  REMARKS: EVALUATION WILL BE INCLUDED IN ATWS EVALUATION (WCAP-8330); SEE "STATUS REPORT ON ATWS FOR WEST. REACTORS", 12/9/75.
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  RI SYM: WCAP-7709-L  (P), WCAP-7820  (NP)      SUBMIT DATE: 07-14-71    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 06-22-78
  TAC #: 03358
  TITLE: ELECTRIC HYDROGEN RECOMBINER--SUPPL 5, 6 & 7 (QUALIFICATION TO 1974 STANDARDS)

  REMARKS: SUPPL 1-4 ACCEPTED 5/1/78 (1971 STD); SUPPL 5-7 ACCEPTED 6/22/78 (1974 STANDARD)
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TOPICAL REPORT STATUS

RI SYM: WCAP-7733 (NP) SUBMIT DATE: 07-00-71 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-22-72
TAC #: 03881
TITLE: REACTOR VESSEL WELD CLADDING BASE METAL INTERACTION

REMARKS: ACCEPTABLE FOR CURRENT VESSELS; FOR FUTURE VESSELS SAR SHOULD INCLUDE MEANS TO AVOID FLAWS

RI SYM: WCAP-7742 (NP) SUBMIT DATE: 12-14-71 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 01-19-76
TAC #: 03879
TITLE: IODINE REMOVAL BY SPRAY IN THE ZION STATION CONTAINMENT

REMARKS: NOT A TOPICAL REPORT; LETTER FROM D.B. VASSALLO TO C. EICHELDINGER ON 03-20-75

RI SYM: WCAP-7765-L (P), WCAP-7765 (NP) SUBMIT DATE: 10-17-71 CONCLUSION: ACCEPTED LETTER TO IND ORG: 10-02-72
TAC #: 03875
TITLE: WESTINGHOUSE PWR INTERNALS VIBRATION SUMMARY 3-LOOP INTERNAL ASSURANCE

REMARKS: APPVD RPTS 12-06-73; SAR TO INCLUDE FORCING FUNCTIONS, ANALYSIS METHODS, APPLICABILITY; WITHHOLDING APPVD 10/26/77

RI SYM: WCAP-7769 (NP)

TITLE: OVERPRESSURE PROTECTION FOR WESTINGHOUSE PRESSURIZED WATER REACTORS REV.1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB OLB	BERGGREN SALAH	JXB SXS	00158	10-08-71				

REMARKS: RSB HAS LEAD; AB REVIEW COMPLETED 6/15/78. AB REVIEW COMPLETED 6/15/78.

RI SYM: WCAP-7800 (NP) SUBMIT DATE: 12-00-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-10-79
TAC #: 00779
TITLE: NUCLEAR FUEL DIVISION QUALITY ASSURANCE PROGRAM PLAN, REV. 5A

REMARKS: REV. 5A SUPERCEDES PREVIOUS REVISIONS.

RI SYM: WCAP-7806 (NP)

TITLE: REVIEW WCAP-7806 NUCLEAR DESIGN WITH BURNABLE POISON RODS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	R. DEYOUNG	SSPB	BERGGREN	JXB	00211					

REMARKS:

RI SYM: WCAP-7807 (NP)

TITLE: REVIEW WCAP-7807 CONNECTICUT-YANKEE TESTS ON DETECTION OF POWER MALDISTRIBUTION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	R. DEYOUNG	SSPB	BERGGREN	JXB	00212					

REMARKS:

RI SYM: WCAP-7817 (NP)

TITLE: SEISMIC TESTING OF ELECTRICAL AND CONTROL EQUIPMENT (LOW SEISMIC PLANTS)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB	BERGGREN	JXB	00921	03-26-74				
		SEPB	CHEN	PYC						
		MEB	HOU	SXH						08-26-76

REMARKS: HOU EVAL. OF WCAP-7817 & SUPPLS. 1,2,3,4,5,8 COMPLETED 8/26/76. DUNNING & CHEN REVIEW DEFERRED FOR HIGHER PRIORITY WORK.

RI SYM: WCAP-7821 (NP)

TITLE: SEISMIC TESTING OF ELECTRICAL AND CONTROL EQUIPMENT (HIGH SEISMIC PLANTS)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	MEB	HOU	SXH	00788	01-17-72		06-15-76		08-26-76
		SEPB	CHEN	PYC						
		SSPB	BERGGREN	JXB						

REMARKS: HOU EVAL. OF WCAP-7821 & SUPPLS. 1,2 & 6 COMPLETED 8/26/76. DUNNING & CHEN REVIEW DEFERRED FOR HIGHER PRIORITY WORK.

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                     | INDUSTRY ORGANIZATION: WESTINGHOUSE                        |
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   RI SYM: WCAP-7829  (NP)

  TITLE: FAN COOLER MOTOR UNIT TEST

REQ                               REVIEW                        REV    TAC        SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER             INIT   NUMBER     DATE       DATE        DATE        REQ DATE    DATE

LWR1   J. CURRY                   PS       KNOX                 JYK    01524      06-08-72                                       09-28-79
                                  SSPB     BERGGREN             JXB

  REMARKS: EVALUATION INCLUDED IN REVIEW OF WCAP-7410L.
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  RI SYM: WCAP-7832  (NP)                      SUBMIT DATE: 12-28-73    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 03-02-78
  TAC #: 00791
  TITLE: EVALUATION OF STEAM GENERATOR TUBE, TUBE SHEET AND DIVIDER PLATE UNDER COMBINED LOCA PLUS SSE CONDITIONS

  REMARKS: APPROVED RPT. 5/18/78; TUBE DEFECTS LIMITED TO 0.64 INCH CRACK & 28% WALL WASTAGE.
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   RI SYM: WCAP-7837  (NP)

  TITLE: POST DNP HEAT TRANSFER DURING BLOWDOWN (WCAP-7837)

REQ                               REVIEW                        REV    TAC        SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER             INIT   NUMBER     DATE       DATE        DATE        REQ DATE    DATE

LWR1   R. DEYOUNG                 SSPB     BERGGREN             JXB    00277
                                  ADOR     NOVAK                TMN                                                              01-24-74

  REMARKS:
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  RI SYM: WCAP-7845  (P), WCAP-7718  (NP)      SUBMIT DATE: 01-00-72    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 10-02-72
  TAC #: 03876
  TITLE: WESTINGHOUSE PWR INTERNALS VIBRATION SUMMARY 2-LOOP INTERNALS ASSURANCE

  REMARKS: SAR MUST INCLUDE FORCING FUNCTION, ANALYSIS METHODS, APPLICABILITY; WITHHOLDING APPROVED 10/26/77
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  RI SYM: WCAP-7862  (NP)                      SUBMIT DATE: 10-05-72    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 06-06-73
  TAC #: 03871
  TITLE: ISOLATION TESTS PROCESS INSTRUMENTATION ISOLATION AMPLIFIER WEST. COMPUTER & INSTRUMENTATION DIVISION NUCANA 7300 SERIES

  REMARKS: APPROVED REPORTS 3/11/75; APPLICABLE TO FAULTS OF 48 TO 120 VOLTS DC AND 130 VOLTS AC
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  RI SYM: WCAP-7870  (NP)                      SUBMIT DATE: 07-21-72    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 08-16-77
  TAC #: 00204
  TITLE: NEUTRON SHIELDING PADS

  REMARKS: SUBJECT TO ACCEPTABLE DYNAMIC RESPONSE TEST FOR 4-LOOP PLANTS (WCAP-8766) AND 3-LOOP (NEW REPORT)
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                    | INDUSTRY ORGANIZATION: WESTINGHOUSE                  |
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  RI SYM: WCAP-7879  (P), WCAP-9352  (NP)        SUBMIT DATE: 07-00-72    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-08-72
  TAC #: 03858
  TITLE: FOUR-LOOP PWR INTERNALS ASSURANCE AND TEST PROGRAM

  REMARKS: APPROVED RPTS. 6/30/78; SAR MUST INCLUDE COMPARISON OF SIMILARITY OF REACTOR VESSEL INTERNALS.
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   RI SYM: WCAP-7898  (NP)

  TITLE: LONG TERM TRANSIENT ANALYSIS PROGRAM FOR PRESSURIZED WATER REACTORS (BLKOUT)

REQ                             REVIEW                    REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                BRANCH    REVIEWER        INIT   NUMBER      DATE        DATE        DATE      REQ DATE      DATE

LWR1   J. CURRY                 SSPB      BERGGREN        JXB     00279    09-22-72

  REMARKS: RECD ADDITIONAL INFO DATED 11/18/77
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   RI SYM: WCAP-7907  (NP)

  TITLE: LOFTRAN CODE DESCRIPTION

REQ                             REVIEW                    REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                BRANCH    REVIEWER        INIT   NUMBER      DATE        DATE        DATE      REQ DATE      DATE

LWR1   J. CURRY                 SSPB      BERGGREN        JXB     00278    10-19-72                            07-08-81
                                RSB       THROM           EXT

  REMARKS: ACCEPTED FOR USE IN ATWS (4/7/76). REVIEWED TOGETHER WITH WCAP-7909(P); REC'D ADD'L INFO DATED 5/26/78, 6/16/78.
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   RI SYM: WCAP-7908  (NP)

  TITLE: FACTRAN - A FORTRAN IV CODE FOR THERMAL TRANSIENTS IN A UO2 FUEL ROD

REQ                             REVIEW                    REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                BRANCH    REVIEWER        INIT   NUMBER      DATE        DATE        DATE      REQ DATE      DATE

LWR1   J. CURRY                 SSPB      BERGGREN        JXB     00234    09-22-72                09-30-81
                                CPB       HUANG           TLH

  REMARKS: ADDITIONAL INFORMATION RECEIVED ON 10/28/75, 7/20/78, 1/12/79.
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RI SYM: WCAP-7909 (NP)

TITLE: MARVEL - A DIGITAL COMPUTER CODE FOR TRANSIENT ANALYSIS OF A MULTI-LOOP PWR SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	RSB SSPB	THROM BERGGREN	EXT JXB	00383	10-30-72			07-08-81	

REMARKS: RECD ADDITIONAL INFORMATION DATED 10/28/77; REVIEW WITH WCAP-8843(P)

RI SYM: WCAP-7912-L (P), WCAP-7912 (NP)   SUBMIT DATE: 07-05-72   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 11-18-74
TAC #: 00705
TITLE: POWER PEAKING FACTORS (INCLUDING SUPP 1)

REMARKS: APPVD REPORTS 1/17/75; PEAKING FACTORS OF 2.4 NOT ACCEPTED; WITHHOLDING APPVD 10/20/77

RI SYM: WCAP-7913 (NP)   SUBMIT DATE: 03-15-73   CONCLUSION: WITHDRAWN   LETTER TO IND ORG: 01-19-76
TAC #: 00421
TITLE: PROCESS INSTRUMENTATION FOR WESTINGHOUSE NSSS (4 LOOP PLANT USING WCID 7300 SERIES)

REMARKS: INADEQUATE INFORMATION; LETTER FROM D.B. VASSALLO TO C. EICHELDINGER ON 03-20-75

RI SYM: WCAP-7920 (NP)   SUBMIT DATE: 09-13-73   CONCLUSION: WITHDRAWN   LETTER TO IND ORG: 03-17-77
TAC #: 00707
TITLE: INDIAN POINT NO. 2 PRIMARY LOOP VIBRATION TEST PROGRAM

REMARKS: APPLICABLE TO ONE PLANT ONLY

RI SYM: WCAP-7921 (NP)   SUBMIT DATE: 08-21-73   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 05-16-74
TAC #: 00665
TITLE: DAMPING VALUES OF NUCLEAR POWER PLANT COMPONENTS

REMARKS: APPROVED REPORT 07-11-74. REACTOR INTERNALS NOT INCLUDED; SAR MUST INCLUDE COMPARISON OF SIMILARITY OF SYSTEMS.

RI SYM: WCAP-7924 (NP)   SUBMIT DATE: 08-14-72   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 01-08-75
TAC #: 00159
TITLE: BASIS FOR HEATUP AND COOLDOWN LIMIT CURVES

REMARKS: APPROVED REPORT 04-28-75. METHOD FOR DETERMINING SHIFT IN RTNDT NOT ACCEPTED; MUST BE INCLUDED IN SAR.

RI SYM: WCAP-7941-L (P), WCAP-7959 (NP)   SUBMIT DATE: 07-07-72   CONCLUSION: ACCEPTED   LETTER TO IND ORG: 06-13-74
TAC #: 03870
TITLE: EFFECTS OF AXIAL SPACING ON INTERCHANNEL THERMAL MIXING WITH THE R MIXING VANE GRID

REMARKS: APPVD REPORTS 1/27/75; WITHHOLDING APPVD 10/20/77

INDUSTRY ORGANIZATION: WESTINGHOUSE

RI SYM: WCAP-7950 (NP) SUBMIT DATE: 07-14-72 CONCLUSION: ACCEPTED LETTER TO IND ORG: 02-06-79
TAC #: 00790
TITLE: FUEL ASSEMBLY SAFETY ANALYSIS FOR COMBINED SEISMIC AND LOSS OF COOLANT ACCIDENT (15 X 15)

REMARKS: LOCA LOAD ANALYSIS METHOD ACCEPTED; RESULTS OF COMBINED LOADS CONSIDERED FOR EACH APPLICATION.

RI SYM: WCAP-7956 (NP) SUBMIT DATE: 10-26-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 04-19-78
TAC #: 00708
TITLE: THINC-IV - AN IMPROVED PROGRAM FOR THERMAL AND HYDRAULIC ANALYSIS OF ROD BUNDLE CORES

REMARKS: FLUID CONDITION LIMITED TO SINGLE PHASE OR TWO-PHASE FLOW REGIME

RI SYM: WCAP-7958 (NP)

TITLE: REVIEW ADDENDUM 1, DNB TESTS, ETC. (WCAP-7958)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	ADOR SSPB	NOVAK BERGGREN	TMN JXB	00420					01-24-74

REMARKS:

RI SYM: WCAP-7973 (NP) SUBMIT DATE: 01-00-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 03-03-76
TAC #: 00355
TITLE: CALCULATION OF FLOW COASTDOWN AFTER LOSS OF REACTOR COOLANT PUMP (PHOENIX CODE)

REMARKS: ACCEPTED FOR RESPONSE TO RAPID LOSS OF FLOW; NOT ACCEPTED FOR STARTUP TRANSIENTS

RI SYM: WCAP-7979 (P), WCAP-8028 (NP) SUBMIT DATE: 01-05-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-29-74
TAC #: 00339
TITLE: TWINKLE - A MULTI-DIMENSIONAL NEUTRON KINETICS COMPUTER CODE

REMARKS: APPVD REPORTS 1/7/75; WITHHOLDING APPVD 10/20/77

RI SYM: WCAP-7980 (NP) SUBMIT DATE: 10-03-73 CONCLUSION: ACCEPTED LETTER TO IND ORG: 08-30-76
TAC #: 00711
TITLE: WIT-6 - REACTOR TRANSIENT ANALYSIS COMPUTER PROGRAM DESCRIPTION

REMARKS:

RI SYM: WCAP-7983 (NP) SUBMIT DATE: 09-26-73 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 01-19-76
TAC #: 03869
TITLE: SMALL LOSS OF COOLANT ACCIDENT ANALYSIS FOR PWR SYSTEMS (SLAP DIGITAL COMPUTER CODE)

REMARKS: REPLACED BY WCAP-8300(P) AND WCAP-8261(NP)

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| INDUSTRY ORGANIZATION: WESTINGHOUSE                           |
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 RI SYM: WCAP-7988  (P), WCAP-8030  (NP)         SUBMIT DATE: 01-05-73    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 06-13-74
 TAC #: 00341
 TITLE: APPLICATION OF MODIFIED SPACER FACTOR TO "L" GRID TYPICAL AND COLD WALL CELL DNB

 REMARKS: APPVD REPORTS 1/24/75; WITHHOLDING APPVD 10/20/77
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 RI SYM: WCAP-8054  (P), WCAP-8195  (NP)         SUBMIT DATE: 01-25-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 04-19-78
 TAC #: 03868
 TITLE: APPLICATION OF THE THINC-IV PROGRAM TO PWR DESIGN

 REMARKS: LICENSING CALC. MUST USE CONSERVATIVE COOLANT CONDITIONS, FUEL FAB. TOLERANCES AND POWER PEAKING UNCERTAINTIES.
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 RI SYM: WCAP-8077  (P), WCAP-8078  (NP)         SUBMIT DATE: 03-13-73    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 12-18-73
 TAC #: 00419
 TITLE: ICE CONDENSER CONTAINMENT PRESSURE TRANSIENT ANALYSIS METHOD

 REMARKS: ACCEPTED FOR MASS FLOWS EQUAL TO OR LESS THAN HOMOGENEOUS MIXTURE CRITICAL FLOW; WITHHOLDING APPVD 11/3/77
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 RI SYM: WCAP-8082  (P), WCAP-8172  (NP)         SUBMIT DATE: 07-19-73    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-22-74
 TAC #: 00608
 TITLE: PIPE BREAKS FOR THE LOCA ANALYSIS OF THE WESTINGHOUSE PRIMARY COOLANT LOOP

 REMARKS: APPVD REPORTS 1/16/75; SAR TO INCLUDE APPLICABILITY, INTERFACES, PIPE FORCES, JET FORCES; WITHHOLDING APPVD 10/21/77
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 RI SYM: WCAP-8096  (NP)                         SUBMIT DATE: 04-30-73    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-19-76
 TAC #: 00471
 TITLE: ANTICIPATED TRANSIENTS WITHOUT REACTOR TRIP IN WESTINGHOUSE PRESSURIZED WATER REACTORS

 REMARKS: REPLACED BY WCAP-8333
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 RI SYM: WCAP-8110  (NP)                         SUBMIT DATE: 04-16-73    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 04-29-75
 TAC #: 01007
 TITLE: TEST PLANS AND RESULTS FOR THE ICE CONDENSER SYSTEM, INCLUDING SUPPLS. 1, 2, 3, 4, 6, 7, 8, SND 10

 REMARKS: FOR LAND BASED PLANTS; SUPPL. 9 (ICE FALLOUT) ACCEPTED 11/21/74; APPROVED SUPPLEMENT 9-A DATED 1/22/75.
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 RI SYM: WCAP-8118  (NP)                         SUBMIT DATE: 10-31-73    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 07-29-74
 TAC #: 00709
 TITLE: MEASURED CHARACTERISTICS OF XENON INDUCED X-Y OSCILLATIONS IN THE H. B. ROBINSON UNIT 2 PLANT

 REMARKS: APPROVED REPORT 02-05-75; ACCEPTABLE FOR CORE POWER DENSITY EQUAL TO OR LESS THAN 85 KW/LITER.
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 RI SYM: WCAP-8146  (P), WCAP-8147  (NP)         SUBMIT DATE: 08-21-73    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-19-76
 TAC #: 03878
 TITLE: FUEL DENSIFICATION - INDIAN POINT NUCLEAR GENERATING UNIT NO. 3

 REMARKS: NOT A TOPICAL REPORT; LTR FROM D B VASSALLO TO C. EICHELDINGER 3/20/75; WITHHOLDING APPVD 11/19/73
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RI SYM: WCAP-8163 (NP)

TITLE: REACTOR COOLANT PUMP INTEGRITY IN A LOCA

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	PS SSPB	LAZEVNICK BERGGREN	JHL JXB	00789	09-26-73				

REMARKS: RSB HAS LEAD; INCLUDED IN GENERIC TASK B-68

RI SYM: WCAP-8168 (P), WCAP-8201 (NP) SUBMIT DATE: 01-19-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 03-14-75
TAC #: 00795
TITLE: EVALUATION OF DNB TEST REPEATABILITY

REMARKS: APPROVED REPORTS 4/18/75; WITHHOLDING APPROVED 8/24/77

RI SYM: WCAP-8170 (P), WCAP-8171 (NP) SUBMIT DATE: 07-12-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 05-30-75
TAC #: 01267
TITLE: CALCULATIONAL MODEL FOR CORE REFLOODING AFTER A LOSS OF COOLANT ACCIDENT (W REFLOOD CODE)

REMARKS: PART OF WESTINGHOUSE ECCS MODEL; WITHHOLDING APPVD 9/7/77

RI SYM: WCAP-8174 (P), WCAP-8202 (NP) SUBMIT DATE: 01-17-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 12-04-74
TAC #: 00794
TITLE: EFFECT OF LOCAL HEAT FLUX SPIKES ON DNB IN NON-UNIFORMLY HEATED ROD BUNDLES

REMARKS: APPROVED REPORTS 2/4/77; WITHHOLDING APPROVED 8/24/77

RI SYM: WCAP-8176 (P), WCAP-8323 (NP) SUBMIT DATE: 05-14-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-10-75
TAC #: 01043
TITLE: EFFECT OF A BOWED ROD ON DNB

REMARKS: ACCEPTED FOR STANDARD DEVIATION UP TO 30.3 MILS IN ROD-TO-ROD SPACING

RI SYM: WCAP-8183 (NP) SUBMIT DATE: 08-07-74 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 01-19-76
TAC #: 03865
TITLE: OPERATIONAL EXPERIENCE WITH WESTINGHOUSE CORES (UP TO APRIL 1974), REV. 1

REMARKS: PROVIDES BACKGROUND INFORMATION ONLY; LETTER FROM D.B. VASSALLO TO C. EICHELDINGER ON 03-20-75

RI SYM: WCAP-8185 (NP) SUBMIT DATE: 09-01-73 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 01-19-76
TAC #: 00780
TITLE: REFERENCE CORE REPORT 17X17 (AMENDMENTS 1,2,3,4 AND 5)

REMARKS: CONTINUING REVIEW OF 17X17 CORE TO BE MADE ON INDIVIDUAL SAR'S; NOT A TOPICAL REPORT, LETTER 07-26-74

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  RI SYM: WCAP-8200  (P), WCAP-8261  (NP)        SUBMIT DATE: 07-15-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-30-75
  TAC #: 00960
  TITLE: WFLASH - A FORTRAN IV COMPUTER PROGRAM FOR SIMULATION OF TRANSIENTS IN A MULTI-LOOP PWR, REV. 2

  REMARKS: ACCEPTED FOR USE IN ECCS MODEL ON 5/30/75. NOT REVIEWED FOR OTHER TRANSIENTS; WITHHOLDING APPROVED 9/7/77
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  RI SYM: WCAP-8218  (P), WCAP-8219  (NP)        SUBMIT DATE: 10-31-73    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 06-25-74
  TAC #: 00710
  TITLE: FUEL DENSIFICATION, EXPERIMENTAL RESULTS AND MODEL FOR REACTOR APPLICATION

  REMARKS: APPROVED REPORTS 3/6/75; ACCEPTED FOR THEORECTICAL DENSITIESUP TO 96.5%; WITHHOLDING APPROVED 2/15/77.
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  RI SYM: WCAP-8234  (NP)                        SUBMIT DATE: 08-15-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-19-75
  TAC #: 01114
  TITLE: SEISMIC TESTING AND FUNCTIONAL VERIFICATION OF BY-PASS LOOP REACTOR COOLANT RTDS

  REMARKS: APPROVED REPORT 02-27-76
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  RI SYM: WCAP-8236  (P), WCAP-8288  (NP)        SUBMIT DATE: 03-02-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 02-06-79
  TAC #: 00905
  TITLE: SAFETY ANALYSIS OF THE 17X17 FUEL ASSEMBLY FOR COMBINED SEISMIC AND LOSS-OF-COOLANT ACCIDENT

  REMARKS: LOCA LOAD ANALYSIS METHOD ACCEPTED; RESULTS OF COMBINED LOADS TO BE CONSIDERED IN EACH APPLICATION.
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  RI SYM: WCAP-8252  (NP)                        SUBMIT DATE: 06-06-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-07-81
  TAC #: 01282
  TITLE: DOCUMENTATION OF SELECTED WESTINGHOUSE STRUCTURAL ANALYSIS COMPUTER CODES

  REMARKS: ACCEPTANCE OF REVISION 1 DATED 5/77
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  RI SYM: WCAP-8253  (NP)                        SUBMIT DATE: 06-18-74    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 04-12-76
  TAC #: 01049
  TITLE: SOURCE TERM DATA FOR WESTINGHOUSE PRESSURIZED WATER REACTORS

  REMARKS: REPORT WITHDRAWN FROM GENERIC REVIEW; USED AS BACKGROUND INFORMATION ONLY
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  RI SYM: WCAP-8255  (NP)                        SUBMIT DATE: 04-22-74    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 01-19-76
  TAC #: 03884
  TITLE: NUCLEAR INSTRUMENTATION SYSTEM

  REMARKS: PROVIDES FUNCTIONAL DESCRIPTION ONLY; LETTER FROM D.B. VASSALLO TO C. EICHELDINGER ON 03-20-75
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  RI SYM: WCAP-8264  (P), WCAP-8312  (NP)        SUBMIT DATE: 04-17-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 03-12-75
  TAC #: 01068
  TITLE: WESTINGHOUSE MASS AND ENERGY RELEASE DATA FOR CONTAINMENT DESIGN

  REMARKS: APPROVED REVISED REPORTS 09-03-75; SAR TO SHOW CRITICAL BREAK & LOCATION AND PEAK PRESSURE ARE APPLICABLE
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                                  | INDUSTRY ORGANIZATION: WESTINGHOUSE                   |
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  RI SYM: WCAP-8271  (NP)                      SUBMIT DATE: 05-31-74    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 11-09-77
  TAC #: 01020
  TITLE: PRESSURIZED WATER AND STEAM JET EFFECTS ON CONCRETE

  REMARKS: SAR MUST INCLUDE THIS INFORMATION (STAFF LETTER DTD 11/18/74).
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  RI SYM: WCAP-8278  (P), WCAP-8279  (NP)      SUBMIT DATE: 02-28-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-02-81
  TAC #: 00902
  TITLE: HYDRAULIC FLOW TEST OF THE 17X17 FUEL ASSEMBLY

  REMARKS: SUPERCEDES OCT 22, 1975 INTERIM ACCEPTANCE & INCLUDES APPD. A-E
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  RI SYM: WCAP-8282  (P), WCAP-8110  (NP)      SUBMIT DATE: 03-18-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 04-29-75
  TAC #: 03874
  TITLE: ICE CONDENSER FULL SCALE SECTION TEST AT WALTZ MILL FACILITY, (INCLUDING ADD. 1)

  REMARKS: WCAP-8110 SUPPL. 6 & 7 ARE NP VERSIONS; RECOMMEND USE OF NEW H CORRELATION AND HIGH DRAIN TEMPERATURES
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  RI SYM: WCAP-8289  (P), WCAP-8290  (NP)      SUBMIT DATE: 11-18-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-12-75
  TAC #: 01304
  TITLE: 17X17 DESIGN FUEL ROD BEHAVIOR DURING SIMULATED LOSS OF COOLANT ACCIDENT CONDITIONS (INCLUDING ADDENDUM 1)

  REMARKS: ACCEPTED FOR CALCULATION OF SINGLE FUEL ROD BEHAVIOR; NOT ACCEPTED FOR MULTIPLE ROD BEHAVIOR
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  RI SYM: WCAP-8291  (NP)                      SUBMIT DATE: 06-07-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 01-15-75
  TAC #: 01069
  TITLE: REVIEW OF SELECT MATERIAL PROPERTIES FOR REACTOR VESSELS RELATIVE TO 10 CFR PART 50, APPENDIX G

  REMARKS: SAR TO INCLUDE TOUGHNESS TEST RESULTS AND HAZ SPECIMENS FOR SURVEILLANCE
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  RI SYM: WCAP-8296  (P), WCAP-8297  (NP)      SUBMIT DATE: 04-03-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-31-74
  TAC #: 00901
  TITLE: EFFECT OF 17X17 FUEL ASSEMBLY GEOMETRY ON DNB

  REMARKS: INTERIM EVALUATION 10/22/75 ACCEPTS DESIGN; REC'D IRRADIATED FUEL SURV. RESULTS 1/18/79; WITHHOLDING APPROVED 8/24/77.
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  RI SYM: WCAP-8298  (P), WCAP-8299  (NP)      SUBMIT DATE: 04-01-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-21-74
  TAC #: 00903
  TITLE: EFFECT OF 17X17 FUEL ASSEMBLY GEOMETRY ON INTERCHANNEL THERMAL MIXING

  REMARKS: APPROVED REPORTS 1/28/75; RECOMMEND USE OF TDC=0.038 INSTEAD OF 0.051; WITHHOLDING APPROVED 8/24/77
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  RI SYM: WCAP-8301  (P), WCAP-8305  (NP)      SUBMIT DATE: 07-15-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-30-75
  TAC #: 01268
  TITLE: LOCTA-IV PROGRAM: LOSS OF COOLANT TRANSIENT ANALYSIS

  REMARKS: PART OF WESTINGHOUSE ECCS MODEL; WITHHOLDING APPVD 9/7/77
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                                         | INDUSTRY ORGANIZATION: WESTINGHOUSE                    |
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  RI SYM: WCAP-8302  (P), WCAP-8306  (NP)          SUBMIT DATE: 07-15-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-30-75
  TAC 0: 01265
  TITLE: SATAN-VI PROGRAM: COMPREHENSIVE SPACE-TIME DEPENDENT ANALYSIS OF LOSS-OF-COOLANT

  REMARKS: PART OF WESTINGHOUSE ECCS MODEL; WITHHOLDING APPVD 9/7/77
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  RI SYM: WCAP-8303  (P), WCAP-8317  (NP)          SUBMIT DATE: 05-13-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-12-75
  TAC 0: 01281
  TITLE: PREDICTION OF FLOW INDUCED VIBRATION OF REACTOR INTERNALS BY SCALE MODEL TESTS

  REMARKS: APPVD REPORTS 7/28/75; LIMITED TO DETERMINATION OF EFFECT ON CORE BARREL OF THERMAL SHIELD; WITHHOLDING APPVD 11/14/77
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  RI SYM: WCAP-8304  (P), WCAP-8110  (NP)          SUBMIT DATE: 05-31-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-22-78
  TAC 0: 00781
  TITLE: STRESS AND STRUCTURAL ANALYSIS AND TESTING OF ICE BASKETS (ICE CONDENSER SYSTEM)

  REMARKS: INCLUDES SUPPL. 1 DATED 6/27/78 AND ADD'L INFO DATED 10/18/78; WITHHOLDING APPROVED 11/14/77.
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  RI SYM: WCAP-8324  (NP)                          SUBMIT DATE: 06-27-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 12-23-74
  TAC 0: 01050
  TITLE: CONTROL OF DELTA FERRITE IN AUSTENITIC STAINLESS STEEL WELDMENTS

  REMARKS: APPROVED REPORT 6/23/75; PROGRESS REPORTS ON VERIFICATION PROGRAM RESULTS SUBMITTED 12/30/74, 3/25/75, 7/21/75, 10/28/75
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  RI SYM: WCAP-8327  (P), WCAP-8326  (NP)          SUBMIT DATE: 07-15-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 05-30-75
  TAC 0: 01264
  TITLE: CONTAINMENT PRESSURE ANALYSIS CODE (COCO)

  REMARKS: ACCEPTED FOR USE IN ECCS MODEL ON 5/30/75; NOT REVIEWED FOR USE IN CONTAIN. DESIGN TRANSIENT; WITHHOLDING APPVD 9/7/77
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   RI SYM: WCAP-8330  (NP)

  TITLE: WESTINGHOUSE ANTICIPATED TRANSIENTS WITHOUT TRIP ANALYSIS

REQ                          REVIEW                      REV      TAC       SUBMIT     REQ TARG    EST COMP     ADD INFO     REV COMP
ORG    REQUESTER             BRANCH   REVIEWER           INIT    NUMBER      DATE        DATE        DATE       REQ DATE       DATE

LWR1   J. CURRY              SSPB     BERGGREN           JXB     01292     09-30-74
                             RRAB     THADANI            ACT                                                                 04-01-78

  REMARKS: STATUS RPT ON ATWS ISSUED APRIL 1978; REVIEW DEFERRED UNTIL COMPLETION OF GENERIC TASK A-9.
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  RI SYM: WCAP-8336  (P), WCAP-8110  (NP)          SUBMIT DATE: 05-31-74    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-03-75
  TAC 0: 01280
  TITLE: ICE CONDENSER SYSTEM - LOWER INLET DOOR SHOCK ABSORBER TEST PLANS AND RESULTS

  REMARKS: WCAP-8110 SUPPL 5 IS NP VERSION OF WCAP-8336; WITHHOLDING APPROVED 11/14/77
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: WESTINGHOUSE |

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RI SYM: WCAP-8339  (NP)                   SUBMIT DATE: 07-11-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-30-75
TAC #: 01269
TITLE: WESTINGHOUSE EMERGENCY CORE COOLING SYSTEM EVALUATION MODEL-SUMMARY

REMARKS: PART OF WESTINGHOUSE ECCS MODEL
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RI SYM: WCAP-8340  (P), WCAP-8356  (NP)   SUBMIT DATE: 08-06-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-30-75
TAC #: 01262
TITLE: WESTINGHOUSE EMERGENCY CORE COOLING SYSTEM - PLANT SENSITIVITY STUDIES

REMARKS: PART OF WESTINGHOUSE ECCS MODEL; WITHHOLDING APPVD 9/7/77
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RI SYM: WCAP-8341  (P), WCAP-8342  (NP)   SUBMIT DATE: 07-12-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-30-75
TAC #: 01270
TITLE: WESTINGHOUSE EMERGENCY CORE COOLING SYSTEM EVALUATION MODEL - SENSITIVITY STUDIES

REMARKS: PART OF WESTINGHOUSE ECCS MODEL; WITHHOLDING APPVD 9/7/77
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RI SYM: WCAP-8346  (NP)                   SUBMIT DATE: 05-31-74    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 01-09-76
TAC #: 01197
TITLE: AN EVALUATION OF FUEL ROD BOWING

REMARKS: INTERIM EVALUATION SENT TO WESTINGHOUSE ON 03-21-75; REPORT REPLACED BY WCAP-8691
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RI SYM: WCAP-8349  (P), WCAP-8388  (NP)   SUBMIT DATE: 03-11-75    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 11-09-77
TAC #: 01483
TITLE: PERFORMANCE CHARACTERISTICS OF MIXED PU02-U02 FUELS IN PRESSURIZED WATER REACTORS

REMARKS: USE NOT LIKELY IN NEAR FUTURE
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RI SYM: WCAP-8354  (P), WCAP-8355  (NP)   SUBMIT DATE: 07-03-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-03-78
TAC #: 01115
TITLE: LONG TERM ICE CONDENSER CONTAINMENT CODE - LOTIC CODE FOR SLB

REMARKS: APPVD RPTS FOR LOCA RECD 4/27/76; APPVD RPTS FOR SLB RECD 7/31/79; WITHHOLDING APPVD 10/11/77, 2/14/78.
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RI SYM: WCAP-8358  (P), WCAP-8265  (NP)   SUBMIT DATE: 09-27-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 04-08-76
TAC #: 01266
TITLE: WESTINGHOUSE MASS AND ENERGY RELEASE DATA FOR 3800 MWT NSSS CONTAINMENT DESIGN

REMARKS: SAR MUST SHOW APPLICABILITY OF INDIVIDUAL PLANT CRITICAL BREAK SIZE AND LOCATION AND PEAK PRESSURE
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RI SYM: WCAP-8359  (NP)                   SUBMIT DATE: 08-06-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-30-75
TAC #: 01113
TITLE: EFFECTS OF FUEL DENSIFICATION POWER SPIKES ON CLAD THERMAL TRANSIENTS

REMARKS: ACCEPTED FOR USE ON ECCS MODEL; WITHHOLDING APPVD 9/7/77.
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TOPICAL REPORT STATUS

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| INDUSTRY ORGANIZATION: WESTINGHOUSE                           |
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  RI SYM: WCAP-8366  (P), WCAP-8367  (NP)         SUBMIT DATE: 08-01-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 03-24-76
  TAC #: 01263
  TITLE: AIR TEST PROGRAM TO ESTABLISH THE COMPLETE PUMP CHARACTERISTICS OF WEMD93A MODEL RCP

  REMARKS: WITHHOLDING APPVD 10/27/77
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  RI SYM: WCAP-8370  (NP)                         SUBMIT DATE: 07-26-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 10-16-79
  TAC #: 09003
  TITLE: QUALITY ASSURANCE PLAN - WESTINGHOUSE WATER REACTOR DIVISIONS, REV. 9A

  REMARKS: REV. 9A SUPERCEDES PREVIOUS REVISIONS.
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   RI SYM: WCAP-8373  (NP)

  TITLE: QUALIFICATION OF WESTINGHOUSE SEISMIC TESTING PROCEDURE FOR ELECTRICAL EQUIPMENT TESTED PRIOR TO MAY 1974

REQ                           REVIEW                      REV    TAC      SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH  REVIEWER            INIT   NUMBER   DATE        DATE        DATE        REQ DATE    DATE

LWR1   J. CURRY               SSPB    BERGGREN            JXB    01111    08-29-74
                              MEB     HOU                 SXH                                                             08-26-76

  REMARKS: MEB REVIEW COMPLETED 8/26/76
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  RI SYM: WCAP-8377  (P), WCAP-8381  (NP)         SUBMIT DATE: 08-14-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 02-14-75
  TAC #: 01112
  TITLE: REVISED CLAD FLATTENING MODEL

  REMARKS: WITHHOLDINNG APPVD 10/27/77
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  RI SYM: WCAP-8385  (P), WCAP-8403  (NP)         SUBMIT DATE: 10-09-74    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 01-31-78
  TAC #: 01305
  TITLE: POWER DISTRIBUTION CONTROL AND LOAD FOLLOWING PROCEDURES

  REMARKS: APPVD RPT DUE 4/30/78; FOR 3-LOOP & 4-LOOP WITH CORE FLUX PE = 2.32 PROVIDED TECH SPEC INCLUDE ALARMS
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   RI SYM: WCAP-8400  (P), WCAP-8432  (NP)

  TITLE: ECCS HEAT TRANSFER EXPERIMENTS WITH UPPER HEAD INJECTION, VOL. I & VOL II.

REQ                           REVIEW                      REV    TAC      SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH  REVIEWER            INIT   NUMBER   DATE        DATE        DATE        REQ DATE    DATE

LWR1   J. CURRY               ASB     WAGNER              NHW    01509    03-21-75                                        06-12-81

  REMARKS: REVIEWED WITH WCAP-8479. SER COMPLETED 3/29/78; RECEIVED REV. 2, ADD. 1 OCT. 15, 1979.
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: WESTINGHOUSE |

RI SYM: WCAP-8404 (NP)

TITLE: ANTICIPATED TRANSIENT WITHOUT TRIP ANALYSIS FOR WESTINGHOUSE PWRS WITH 44 SERIES STEAM GENERATORS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB	BERGGREN	JXB	01479	11-00-74				

REMARKS: PERTAINS TO CLASS 2 PLANTS. STATUS RPT ISSUED APRIL 1978. REVIEW DEFERRED UNTIL COMPLETION OF GENERIC TASK A-9.

RI SYM: WCAP-8420 (NP) SUBMIT DATE: 10-14-74 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 01-19-76
TAC #: 01291
TITLE: ANTICIPATED TRANSIENT WITHOUT TRIP ANALYSIS FOR 2-LOOP WESTINGHOUSE PWR WITH MODEL D STEAM GENERATORS & 16X16 FUEL ARRAY

REMARKS: NOT A TOPICAL REPORT; REVIEWED AS PART OF THE NORTH COAST APPLICATION

RI SYM: WCAP-8424 (NP)

TITLE: AN EVALUATION OF LOSS OF FLOW ACCIDENTS CAUSED BY POWER SYSTEM FREQUENCY TRANSIENTS IN WESTINGHOUSE PWRS, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB	BERGGREN	JXB	01717	06-02-75				
		PS	LAZEVNICK	JHL						

REMARKS: ADD'L INFO RECEIVED 2/17/76; REVIEWED WITH GENERIC TASK A-35

RI SYM: WCAP-8446 (P), WCAP-8449 (NP) SUBMIT DATE: 01-23-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 02-24-76
TAC #: 01496
TITLE: 17 X 17 DRIVE LINE COMPONENTS TESTS-PHASE 1B, II, III D-LOOP DROP AND DEFLECTION

REMARKS: SAR TO INCLUDE PRESERVICE AND INSERVICE SURVEILLANCE TESTS; WITHHOLDING APPVD 10/27/77

RI SYM: WCAP-8447 (P), WCAP-8448 (NP) SUBMIT DATE: 12-00-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 09-02-77
TAC #: 01409
TITLE: ROTO-LOK CLOSURE SYSTEM DEVELOPMENT

REMARKS: LIMITED TO PEAK PRESSURE OF 2800 PSIG; SUBJECT TO REV. OF FINAL DESIGN OF S. TEXAS PLANT; WITHHOLDING DENIED 10/20/77.

RI SYM: WCAP-8453 (P), WCAP-8454 (NP) SUBMIT DATE: 01-09-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 07-09-75
TAC #: 01388
TITLE: ANALYSIS OF DATA FROM THE ZION (UNIT 1) THINC VERIFICATION TEST

REMARKS: APPVD RPT WCAP-8453-A (5/10/76)(NP); LIMITED TO SUBCOOLED EXIT CONDITIONS; WITHHOLDING DENIED 10/20/77

RI SYM: WCAP-8471 (P), WCAP-8472 (NP) SUBMIT DATE: 04-16-74 CONCLUSION: ACCEPTED LETTER TO IND ORG: 05-30-75
TAC #: 01561
TITLE: THE WESTINGHOUSE ECCS EVALUATION MODEL - SUPPLEMENTARY INFORMATION

REMARKS: APPVD REPORTS 6/24/75; ECCS MODEL FOR REFLOOD RATES LESS THAN 1 FOOT PER SECOND; WITHHOLDING APPVD 9/7/77

RI SYM: WCAP-8479 (P), WCAP-8480 (NP)

TITLE: WESTINGHOUSE EMERGENCY CORE COOLING SYSTEM EVALUATION MODEL APPLICATION TO PLANTS EQUIPPED WITH UPPER HEAD INJECTION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	RSB SSPB	LAUBEN BERGGREN	NGL JXB	01480	03-08-75				

REMARKS: REVIEWED WITH WCAP-8400, 8582, 8793. SER COMPLETED 3/29/78; REC'D REV. 2, ADD. 1 OCTOBER 15, 1979.

RI SYM: WCAP-8498 (NP)

TITLE: INCORE POWER DISTRIBUTION DETERMINATION IN WESTINGHOUSE PRESSURIZED WATER REACTORS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	SSPB CPB	BERGGREN RICHINGS	JXB HJR	04652	07-22-75				

REMARKS: REVIEW WITH WCAP-7308-L

RI SYM: WCAP-8510 (NP)

TITLE: METHOD FOR FRACTURE MECHANICS ANALYSIS OF NUCLEAR REACTORS UNDER SEVERE THERMAL TRANSIENTS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB MTEB	BERGGREN BHATT	JXB SJB	04246	09-03-76				

REMARKS: REVIEW DEFERRED UNTIL GENERIC WORK TASK A-11 IS COMPLETED.

RI SYM: WCAP-8516 (P), WCAP-8517 (NP) SUBMIT DATE: 04-22-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 10-31-75
TAC #: 01705
TITLE: UHI PLANT INTERNALS VIBRATION MEASUREMENT AND PROGRAM AND PRE AND POST HOT FUNCTIONAL EXAMINATIONS

REMARKS: WITHHOLDING APPROVED 9/14/77

TOPICAL REPORT STATUS

RI SYM: WCAP-8529 (P), WCAP-8531 (NP) SUBMIT DATE: 06-09-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 08-15-75
TAC #: 03887
TITLE: POWER RAMP DEMONSTRATIONS IN WESTINGHOUSE PWR'S

REMARKS: WITHHOLDING APPROVED 8/24/77

RI SYM: WCAP-8536 (P), WCAP-8537 (NP) SUBMIT DATE: 06-16-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 02-11-77
TAC #: 01716
TITLE: CRITICAL HEAT FLUX TESTING OF 17X17 FUEL ASSEMBLY GEOMETRY WITH 22-INCH SPACING.

REMARKS:

RI SYM: WCAP-8565 (P), WCAP-8566 (NP) SUBMIT DATE: 09-01-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 11-12-75
TAC #: 01812
TITLE: WESTINGHOUSE ECCS FOUR LOOP PLANT (17X17) SENSITIVITY STUDIES

REMARKS: APPROVED REPORTS 4/1/76; APPLICABLE FOR POWER TO 3800 MWT, BOTTOM FLOODING, DRY CONTAINMENT; WITHHOLDING APPVD 8/24/77

RI SYM: WCAP-8567 (P), WCAP-8568 (NP) SUBMIT DATE: 09-01-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 04-19-78
TAC #: 01871
TITLE: IMPROVED THERMAL DESIGN PROCEDURE

REMARKS: WITHHOLDING APPVD BY STAFF LTR 4/17/78 & WEST. LTR 5/9/78; ACCEPTED SUBJECT TO CONDITIONS IN STAFF LTR DATED 4/19/78.

RI SYM: WCAP-8572 (P), WCAP-8573 (NP) SUBMIT DATE: 09-01-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 11-07-75
TAC #: 01811
TITLE: WESTINGHOUSE ECCS THREE LOOP PLANT (17X17) SENSITIVITY STUDIES

REMARKS: WITHHOLDING APPROVED 8/4/77

RI SYM: WCAP-8575 (P), WCAP-8576 (NP)

TITLE: AUGMENTED STARTUP & CYCLE I PHYSICS PROGRAM (INCLUDING SUPPLEMENTS 1, 2 & 3)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. KINTNER	SSPB ADRS CPB	BERGGREN DUNENFELD KOPP	JXB MSD LIK	01882	07-15-81			09-15-78	

REMARKS: REC'D SUPPL 3 TO PROPRIETARY & NON-PROP. DATED 6/81; SUPPL 3 REC'D 8/31/81; WITHHOLDING APPROVED 11/9/77

RI SYM: WCAP-8577 (NP) SUBMIT DATE: 02-20-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-18-76
TAC #: 03629
TITLE: THE APPLICATION OF PREHEAT TEMPERATURES AFTER WELDING OF PRESSURE VESSEL STEELS

REMARKS: ACCEPTABLE ALTERNATIVE FOR POSITION 2 OF REG GUIDE 1.50; POSITIONS 1,3 AND 4 STILL APPLICABLE

RI SYM: WCAP-8582 (P), WCAP-8642 (NP)

TITLE: BLOWDOWN EXPERIMENTS WITH U.H.I. IN G-2 17X17 ROD ARRAY FACILITY, VOL I, TEST FACILITIES, PROCEDURES AND DATA

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ADLR	J. CURRY	SSPB	BERGGREN	JXB	03346	01-21-76				
		ASB	WAGNER	NHW						12-12-78

REMARKS: REVIEWED WITH WCAP-8479. SER COMPLETED 3/29/78; RECEIVED REV. 2, ADD 1 ON OCTOBER 15, 1979.

RI SYM: WCAP-8584 (P), WCAP-8760 (NP)

TITLE: FAILURE MODES AND EFFECTS ANALYSIS (FMEA) OF THE ENGINEERED SAFEGUARD FEATURES ACTUATION SYSTEM REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	ICB	LI	HCL	03953	05-03-76		07-01-83	02-15-78	
		SSPB	BERGGREN	JXB						

REMARKS: WITHHOLDING APPROVED 2/22/78; REV 1 SUBMITTED 3/20/80.

RI SYM: WCAP-8589 (P), WCAP-8599 (NP) SUBMIT DATE: 09-19-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 02-11-77
TAC #: 01923
TITLE: AXIAL POWER DISTRIBUTION MONITORING SYSTEM

REMARKS:

RI SYM: WCAP-8622 (P), WCAP-8623 (NP) SUBMIT DATE: 12-11-75 CONCLUSION: ACCEPTED LETTER TO IND ORG: 05-13-76
TAC #: 03065
TITLE: WESTINGHOUSE ECCS EVALUATION MODEL

REMARKS: 10/75 ECCS MODEL; APPLICABLE TO 16X16 AND 17X17 ARRAYS OF FUEL RODS; WITHHOLDING APPVD 11/3/77

RI SYM: WCAP-8624 (P), WCAP-8695 (NP)

TITLE: GENERAL METHOD OF DEVELOPING MULTIFREQUENCY BIAXIAL TEST INPUTS FOR BISTABLES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ADLR	J. CURRY	SSPB	BERGGREN	JXB	03359	02-17-76				
		SEPB	CHEN	PYC						

REMARKS: REVIEW WITH WCAP-8832(P); WITHHOLDING APPVD 4/18/78.

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  RI SYM: WCAP-8637  (HP)                      SUBMIT DATE: 03-24-76    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 12-06-77
  TAC #: 03651
  TITLE: IODINE BEHAVIOR UNDER TRANSIENT CONDITIONS IN THE PRESSURIZED WATER REACTOR - WCPP-1637

  REMARKS: WESTINGHOUSE LETTER DATED 12/6/77 REQUESTED WITHDRAWAL.
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  RI SYM: WCAP-8646  (P), WCAP-8647  (NP)      SUBMIT DATE: 03-25-80    CONCLUSION: WITHDRAWN       LETTER TO IND ORG: 03-25-80
  TAC #: 03336
  TITLE: ANALYSIS OF FUEL ROD FRETTING WEAR

  REMARKS: REQUEST DISCONTINUE REVIEW 03/25/80 BY WESTINGHOUSE
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  RI SYM: WCAP-8648  (NP)                      SUBMIT DATE: 07-13-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 11-11-77
  TAC #: 04198
  TITLE: EXCORE DETECTOR RECALIBRATION USING QUARTER-CORE FLUX MAPS

  REMARKS:
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   RI SYM: WCAP-8660  (NP)

  TITLE: APPENDIX A TO RESAR-3S COMBUSTIBLE GAS CONTROL IN CONTAINMENT

REQ                            REVIEW                     REV     TAC       SUBMIT     REQ TARG   EST COMP   ADD INFO    REV COMP
ORG   REQUESTER                BRANCH   REVIEWER          INIT    NUMBER    DATE        DATE       DATE      REQ DATE     DATE

ADLR   J. CURRY                SSPB     BERGGREN          JXB     03694    02-26-76

  REMARKS: RECEIVED ADDL INFO DATED 9/14/76.
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  RI SYM: WCAP-8662  (NP)                      SUBMIT DATE: 04-14-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 07-18-77
  TAC #: 03695
  TITLE: APPENDIX E TO RESAR-3S SPENT FUEL POOL COOLING AND CLEANUP SYSTEM

  REMARKS:
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  RI SYM: WCAP-8664  (NP)                      SUBMIT DATE: 04-14-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 01-19-77
  TAC #: 03696
  TITLE: APPENDIX C TO RESAR-3S STEAM GENERATOR BLOWDOWN PROCESSING SYSTEM

  REMARKS:
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  RI SYM: WCAP-8665  (NP)                      SUBMIT DATE: 04-21-76    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 02-24-77
  TAC #: 03707
  TITLE: APPENDIX D TO RESAR-3S LIQUID WASTE MANAGEMENT SYSTEM

  REMARKS:
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  RI SYM: WCAP-8666  (NP)                        SUBMIT DATE: 03-24-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 02-18-77
  TAC #: 03697
  TITLE: APPENDIX G TO RESAR-3S GASEOUS WASTE PROCESSING SYSTEM

  REMARKS:
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  RI SYM: WCAP-8667  (NP)                        SUBMIT DATE: 04-05-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 02-14-77
  TAC #: 03690
  TITLE: APPENDIX F TO RESAR-3S RADIOLOGICAL MONITORING AND SAMPLING SYSTEMS

  REMARKS: ACCEPTED FOR NORMAL OPERATION AND ANTICIPATED OPERATIONAL OCCURRENCES; NOT ACCEPTED FOR ACCIDENTS
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   RI SYM: WCAP-8669  (NP)

  TITLE: APPENDIX H TO RESAR-3S CONTAINMENT FUNCTIONAL DESIGN

REQ                          REVIEW                  REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH   REVIEWER       INIT   NUMBER     DATE        DATE        DATE      REQ DATE      DATE

ADLR   J. CURRY              SSPB     BERGGREN       JXB     03743    03-22-76

  REMARKS: RECEIVED ADDITIONAL INFO DATED 5/24/77.
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   RI SYM: WCAP-8673  (P), WCAP-8674  (NP)

  TITLE: MULTI-FREQUENCY AND DIRECTION SEISMIC TESTING OF RELAYS

REQ                          REVIEW                  REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER             BRANCH   REVIEWER       INIT   NUMBER     DATE        DATE        DATE      REQ DATE      DATE

ADLR   J. CURRY              SSPB     BERGGREN       JXB     03678    03-22-76
                             MEB      HOU            SXH                                                               08-26-76

  REMARKS: WITHHOLDING APPROVED 4/18/78; MEB REVIEW COMPLETED 8/26/76
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RI SYM: WCAP-8687 (P), WCAP-8587 (NP)

TITLE: ENVIRONMENTAL QUALIFICATION OF WESTINGHOUSE NSS CLASS IE EQUIPMENT

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	J. CURRY	SSPB	BERGGREN	JXB	03000	01-26-81				
		SEPB	CHEN	PYC						
		RSB	ORR	XFO						
		CSB	TINKLER	CGT						
		PS	CHOPRA	OPC						

REMARKS: REC'D 7/9/81 REV 4 TO TESTING & RPT SUBMITTAL SCHEDULE

RI SYM: WCAP-8687 (P), WCAP-8587 (NP)

TITLE: TR "METHODOLOGY FOR THE SEISMIC QUALIFICATION OF WESTINGHOUSE WRD SUPPLIED EQUIPMENT"

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	EQB	KENNEDY	JGK	43060	07-21-80				
		SSPB	BERGGREN	JXB						

REMARKS: REVIEW, COMMENT & PREPARE SER WCAP 8687 (P) IS PROPRIETARY SUPPLEMENT OF WCAP 8587

RI SYM: WCAP-8691 (P), WCAP-8692 (NP) SUBMIT DATE: 01-13-76 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 06-19-78
TAC #: 03335
TITLE: FUEL ROD BOWING

REMARKS: WITHHOLDING APPROVED 2/21/79; REV. 1 TO WCAP-8691 SUBMITTED 9/4/79 SUPERCEDES THIS REPORT.

RI SYM: WCAP-8691 (P), WCAP-8692 (NP)

TITLE: FUEL ROD BOW EVALUATION, REV. 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	CPB	BALUKJIAN	HYB	05307	10-09-81			06-12-81	
		CPB	POWERS	DAP				03-01-82		
		RSB	HODGES	MWH						
		SSPB	BERGGREN	JXB				09-30-81		
		CPB	PHILLIPS	LEP						

REMARKS: PARTIAL RESPONSE TO REQ #1 FOR ADDL INFO SUBMITTED 10/9/81

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                              | INDUSTRY ORGANIZATION: WESTINGHOUSE                   |
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   RI SYM: WCAP-8694  (P), WCAP-8655  (NP)

  TITLE: SEISMIC QUALIFICATION OF THE ROTARY RELAY FOR USE IN THE SOLID STATE PROTECTION SYSTEM

REQ                               REVIEW                   REV    TAC        SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER        INIT   NUMBER     DATE       DATE        DATE        REQ DATE    DATE

ADLR   J. CURRY                   SSPB     BERGGREN        JXB    03683     04-07-76

  REMARKS: WITHHOLDING APPROVED 4/18/78; MEB REVIEW COMPLETED 8/26/76
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  RI SYM: WCAP-8708  (P), WCAP-8709  (NP)          SUBMIT DATE: 02-23-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 06-17-77
  TAC #: 03363
  TITLE: MULTIFLEX, A FORTRAN IV COMPUTER PROGRAM FOR ANALYZING THERMAL-HYDRAULIC-STRUCTURE SYSTEM DYNAMICS

  REMARKS: RECD APPVD REPORTSSA DTD 9/16/77, SUPPLEMENTAL LTR DTD 10/3/77.
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  RI SYM: WCAP-8720  (P), WCAP-8785  (NP)          SUBMIT DATE: 11-08-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 02-09-79
  TAC #: 04341
  TITLE: IMPROVED ANALYTICAL MODELS USED IN W FUEL ROD DESIGN COMPUTATIONS

  REMARKS: REC'D ADDM 1, 10/22/79; APPRVD SOME CHGS 3/27/80; QUES TRANSMTD ON SUPP1 RESP REC'D 9/9/80;SUPPL 1 REV CONTINUING
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   RI SYM: WCAP-8745  (P), WCAP-8746  (NP)

  TITLE: DESIGN BASIS FOR THE THERMAL OVERPOWER DELTA T AND THERMAL OVERTEMPERATURE DELTA T TRIP FUNCTIONS

REQ                               REVIEW                   REV    TAC        SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER                  BRANCH   REVIEWER        INIT   NUMBER     DATE       DATE        DATE        REQ DATE    DATE

LWR1   L. KINTNER                 SSPB     BERGGREN        JXB    04551     03-31-77               09-30-81
                                  ADRS     DUNENFELD       MSD

  REMARKS: WITHHOLDING APPVD 11/9/77
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  RI SYM: WCAP-8754  (NP)                          SUBMIT DATE: 06-00-76    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 02-16-79
  TAC #: 04261
  TITLE: TOPICAL REPORT-ENVIRONMENTAL QUALIFICATION OF CLASS IE MOTORS FOR NUCLEAR OUT-OF-CONTAINMENT USE

  REMARKS: WITHDRAWAL REQUESTED PER WESTINGHOUSE LETTER DATED 1/29/79. ESED PER WEST. LETTER DATED 1/29/79.
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  RI SYM: WCAP-8762  (P), WCAP-8763  (NP)          SUBMIT DATE: 10-01-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 04-19-78
  TAC #: 04340
  TITLE: NEW W CORRELATION WRB-1 FOR PREDICTING CRITICAL HEAT FLUX IN ROD BUNDLES WITH MIXING VANE GRIDS

  REMARKS: WITHHOLDING APPVD 2/21/78; ACCEPTED MINIMUM DNBR OF 1.17 FOR 'R' GRID & 1.37 FOR 'L' GRID.
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BEST DOCUMENT AVAILABLE

TOPICAL REPORT STATUS

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| INDUSTRY ORGANIZATION: WESTINGHOUSE                         |
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  RI SYM: WCAP-8766  (P), WCAP-8780  (NP)         SUBMIT DATE: 05-21-76     CONCLUSION: ACCEPTED        LETTER TO IND ORG: 01-06-78
  TAC #: 04456
  TITLE: VERIFICATION OF NEUTRON PAD AND 17X17 GUIDE TUBE DESIGNS BY PREOPERATIONAL TESTS ON TROJAN 1 POWER PLANT

  REMARKS: TROJAN 1 IS ACCEPTED AS A LIMITED VALID PROTOTYPE AS DEFINED IN REGULATORY GUIDE 1.20
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   RI SYM: WCAP-8793  (P), WCAP-8794  (NP)

  TITLE: UHI ICE CONDENSER CONTAINMENT, G-2 REFILL HEAT TRANSFER TESTS AND ANALYSES

REQ                           REVIEW                   REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH   REVIEWER        INIT   NUMBER      DATE        DATE        DATE      REQ DATE      DATE

LWR1   KINTNER                RSB      LAUBEN          NGL     04478    09-01-76
                              SSPB     BERGGREN        JXB

  REMARKS: REVIEWED WITH WCAP-8479; SET COMPLETED 3/29/78; REC'D REV. 2, ADD 1 ON OCT. 15, 1979.
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  RI SYM: WCAP-8802  (NP)                         SUBMIT DATE: 09-17-76     CONCLUSION: NOT ACCEPTED    LETTER TO IND ORG: 10-21-77
  TAC #: 04506
  TITLE: AUGMENTED INSERVICE INSPECTION OF PIPE WELDS AT REACTOR VESSEL NOZZLES

  REMARKS: RECOMMENDED EVALUATION OF PIPE BREAK EFFECTS ON REACTOR VESSEL SUPPORTS
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   RI SYM: WCAP-8821  (P), WCAP-8859  (NP)

  TITLE: TRANFLO STEAM GENERATOR CODE DESCRIPTION

REQ                           REVIEW                   REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH   REVIEWER        INIT   NUMBER      DATE        DATE        DATE      REQ DATE      DATE

LWR1   KINTNER                CSB      LI              CCL     04304    09-00-76                            02-15-79
                              SSPB     BERGGREN        JXB
                              CSB      TINKLER         CGT
                              MEB      RAJAN           JNR

  REMARKS: REC'D PARTIAL ADDL INFO DTD 2/13/78 & 5/22/79; REC'D RESP TO QUES 5 11/29/81 RFAI QUES 6 YET UNANSWERED
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BEST DOCUMENT AVAILABLE

| INDUSTRY ORGANIZATION: WESTINGHOUSE |

RI SYM: WCAP-8822 (P), WCAP-8860 (NP)

TITLE: MASS AND ENERGY RELEASES FOLLOWING A STEAM LINE RUPTURE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	CSB	LI	CCL	04303	09-00-76				
		CSB	TINKLER	CGT						
		SSPB	BERGGREN	JXB						

REMARKS: REC'D PARTIAL ADDL INFO DTD 2/13/78 & 5/22/79; REC'D RESP TO QUES 5 11/29/81 RFAI QUES 6 YET UNANSWERED

RI SYM: WCAP-8828 (P), WCAP-8829 (NP)

TITLE: SEISMIC OPERABILITY DEMONSTRATION TESTING OF WESTINGHOUSE ISP 7300 SERIES PROCESS INSTRUMENTATION BISTABLES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. KINTNER	SSPB	BERGGREN	JXB	04449	12-02-76				
		SEPB	CHEN	PYC						

REMARKS: WITHHOLDING APPVD 11/7/77.

RI SYM: WCAP-8830 (P), WCAP-8831 (NP)

TITLE: SEISMIC OPERABILITY DEMONSTRATION TESTING OF NUCLEAR INSTRUMENTATION SYSTEM BISTABLE AMPLIFIER

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. KINTNER	SEPB	CHEN	PYC	04421	11-29-76				
		SSPB	BERGGREN	JXB						

REMARKS: RECEIVED ADDL INFO DATED 11/22/77; WITHHOLDING APPVD 11/17/77.

RI SYM: WCAP-8832 (P), WCAP-8833 (NP)

TITLE: SEISMIC OPERABILITY DEMONSTRATION TESTING OF THE WESTINGHOUSE CID 7100 SERIES PROCESS INSTRUMENTATION SYSTEM BISTABLES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. KINTNER	SSPB	BERGGREN	JXB	04501	12-02-76				
		SEPB	CHEN	PYC						

REMARKS: WITHHOLDING APPVD 11/17/77.

RI SYM: WCAP-8843 (P), WCAP-8844 (NP)

TITLE: MARVEL--DIGITAL COMPUTER CODE FOR TRANSIENT ANALYSIS OF A MULTILOOP PWR SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	SSPB	BERGGREN	JXB	04772	12-05-77				

REMARKS: WITHHOLDING APPROVED 2/21/78.

RI SYM: WCAP-8846 (NP) SUBMIT DATE: 09-22-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 10-01-77
TAC #: 04288
TITLE: HYBRID B4C ABSORBER CONTROL ROD EVALUATION REPORT

REMARKS: APPVD RPTS 11/28/77 SUBJ TO AUGMENTED SURVEILLANCE & ACCIDENT ANALYSIS IN SARS; WITHHLDG 5/26/77 ADD INFO DENIED 8/26/77

RI SYM: WCAP-8848 (P), WCAP-8849 (NP)

TITLE: SEISMIC OPERABILITY DEMONSTRATION TESTING OF THE FOXBORO H-LINE SERIES PROCESS INSTRUMENTATION SYSTEM BISTABLES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. KINTNER	SSPB	BERGGREN	JXB	04500	12-02-76				
		SEPB	CHEN	PYC						

REMARKS:

RI SYM: WCAP-8853 (NP) SUBMIT DATE: 09-30-76 CONCLUSION: ACCEPTED LETTER TO IND ORG: 04-01-77
TAC #: 00293
TITLE: WESTINGHOUSE ECCS-THREE LOOP PLANT (17 X 17) SENSITIVITY STUDIES

REMARKS: APPVD REPORTS RECD 5/6/77; RECEIVED ERRATA FOR APPVD REPORTS DATED 2/8/78

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                         | INDUSTRY ORGANIZATION: WESTINGHOUSE                          |
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  RI SYM: WCAP-8854  (NP)                         SUBMIT DATE: 09-30-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 04-01-77
  TAC #: 00294
  TITLE: WESTINGHOUSE ECCS-TWO LOOP PLANT SENSITIVITY STUDIES (14 X 14)

  REMARKS: APPVD REPORTS RECD 5/6/77; RECEIVED ERRATA FOR APPVD REPORTS DATED 2/8/78.
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  RI SYM: WCAP-8855  (NP)                         SUBMIT DATE: 09-30-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 04-01-77
  TAC #: 06340
  TITLE: WESTINGHOUSE ECCS FOUR LOOP PLANT (15 X 15) SENSITIVITY STUDIES WITH UPPER HEAD FLUID TEMPERATURE AT T/HOT

  REMARKS: APPVD REPORTS RECD 5/6/77; RECEIVED ERRATA FOR APPVD REPORTS DATED 2/8/78
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  RI SYM: WCAP-8865  (NP)                         SUBMIT DATE: 10-26-76    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 04-01-77
  TAC #: 00296
  TITLE: WESTINGHOUSE ECCS-FOUR LOOP PLANT (17 X 17) SENSITIVITY STUDIES WITH UPPER HEAD FLUID TEMPERATURE AT T/HOT

  REMARKS: APPVD REPORTS RECD 5/6/77
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  RI SYM: WCAP-8892  (NP)                         SUBMIT DATE: 03-31-77    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 04-20-77
  TAC #: 04588
  TITLE: 7300 SERIES PROCESS CONTROL SYSTEM NOISE TESTS, REV. 2

  REMARKS: RECEIVED APPROVED REPORT WCAP-8892-A DATED JUNE 1977
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   RI SYM: WCAP-8897  (P), WCAP-8898  (NP)

  TITLE: BYPASS LOGIC FOR THE WESTINGHOUSE INTEGRATED PROTECTION SYSTEM

REQ                            REVIEW                       REV     TAC       SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER               BRANCH   REVIEWER            INIT    NUMBER    DATE        DATE        DATE        REQ DATE    DATE

LWR1   L. L. KINTNER           SSPB     BERGGREN            JXB     04565     04-29-77

  REMARKS: ICB HAS LEAD. RECD ADDENDUM 1 DTD 11/17/77. PART OF RESAR-414 IPS R&D PROGRAM
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   RI SYM: WCAP-8899  (P), WCAP-8900  (NP)

  TITLE: WESTINGHOUSE MODEL 414 CONTROL SYSTEM SIGNAL SELECTION DEVICE

REQ                            REVIEW                       REV     TAC       SUBMIT      REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER               BRANCH   REVIEWER            INIT    NUMBER    DATE        DATE        DATE        REQ DATE    DATE

LWR1   L. L. KINTNER           SSPB     BERGGREN            JXB     04599     05-24-77

  REMARKS: WITHHOLDING APPVD 10/4/78; ADDL INFO REQUESTED 4/11/79 PER NUREG-0493.
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RI SYM: WCAP-8904 (NP) SUBMIT DATE: 02-28-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 02-28-79
TAC #: 04504
TITLE: WESTINGHOUSE ECCS EVAL. MODEL FOR (N-1) LOOP OPERATION OF PLANTS WITH LOOP ISOLATION VALVES

REMARKS: APPVD REPT RECD 6/19/79; ACCEPTED FOR LARGE BREAKS USING (1) 2 OR MORE PIPE NODES & (2) WCAP-8341 FOR MOMENTUM FLUX.

RI SYM: WCAP-8929 (NP)

TITLE: BENCHMARK PROBLEM SOLUTIONS EMPLOYED FOR VERIFICATION OF WECAN COMPUTER PROGRAM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	MEB	HARTZMAN	MYH	04612	05-26-77				
		SEB	MA	JKM						
		SSPB	BERGGREN	JXB						

REMARKS: REC'D SOLUTION TO BEACHMARK PROBLEMS 1,323 A & 4 TRACTED TO ORNL. REC'D ADD'L INFO 4/10/81

RI SYM: WCAP-8936 (P), WCAP-8937 (NP)

TITLE: ENVIRONMENTAL QUALIFICATION INSTRUMENT TRANSMITTER TEMP. TRANSIENT ANALYSIS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB	BERGGREN	JXB	04522	03-14-77				

REMARKS: REVIEW DEFERRED UNTIL COMPLETION OF GENERIC TASK A-21; "MAIN STEAMLINE LEAK INSIDE CONTAINMENT".

RI SYM: WCAP-8941 (P), WCAP-9194 (NP)

TITLE: SEISMIC QUALIFICATION OF ROTARY RELAY FOR USE IN TROJAN & DIABLO CANYON AUXILIARY SAFEGUARDS CABINETS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	SSPB	BERGGREN	JXB	04717	10-25-77				
		SEPB	CHEN	PYC						

REMARKS:

RI SYM: WCAP-8963 (P), WCAP-8964 (NP) SUBMIT DATE: 03-31-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 05-19-78
TAC #: 04613
TITLE: SAFETY ANALYSIS FOR REVISED FUEL ROD INTERNAL PRESSURE DESIGN BASIS

REMARKS: APPROVED REPORTS 1/29/79.

RI SYM: WCAP-8965 (NP)

TITLE: SEISMIC TESTING OF VERITRAK MODEL 59 TRANSMITTERS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	SSPB	BERGGREN	JXB	04628	07-22-77				

REMARKS:

RI SYM: WCAP-8966 (P), WCAP-9207 (NP)

TITLE: EVALUATION OF MISPOSITIONED ECCS VALVES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB	BERGGREN	JXB	04880	03-21-78				
		ASB	PARR	ODP						07-17-81
		GIB	BURNS	JYB						05-29-80

REMARKS: PROBABILITY ANALYSIS STAFF (RES) WILL ASSIST IN REVIEW; RSB HAS LEAD; RSB REVIEW CONTRACTED TO ARGONNE NAT'L LAB.

RI SYM: WCAP-8967 (NP) SUBMIT DATE: 02-08-78 CONCLUSION: WITHDRAWN LETTER TO IND ORG: 09-13-78
TAC #: 04863
TITLE: FAILURE MODES AND EFFECTS ANALYSIS (FMEA) OF THE RESIDUAL HEAT REMOVAL SYSTEM

REMARKS: REQUEST FOR ADD'L INFO DATED SEPT. 1, 1978; WITHDRAWAL REQUESTED ON 9/13/78.

RI SYM: WCAP-8970 (P), WCAP-8971 (NP) SUBMIT DATE: 04-06-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 06-08-78
TAC #: 04566
TITLE: WESTINGHOUSE EMERGENCY CORE COOLING SYSTEM SMALL BREAK OCTOBER 1975 MODEL

REMARKS: APPVD RPTS 12/20/78; WITHHOLD. APPVD 10/28/77 & 8/13/79; ACCEP. FOR USE WITH ROD BURST MODEL IN WEST. LTR DTD 2/15/78.

RI SYM: WCAP-8976 (NP)

TITLE: FAILURE MODE & EFFECTS ANALYSIS OF SOLID STATE FULL LENGTH ROD CONTROL SYSTEM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	SSPB	BERGGREN	JXB	04724	10-26-77			08-03-81	
		ICB	BURROWS	FHB						

REMARKS: ISSUED REQUEST NO 2 FOR ADDITIONAL INFO

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                               T O P I C A L   R E P O R T   S T A T U S

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                          | INDUSTRY ORGANIZATION: WESTINGHOUSE          |
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   RI SYM: WCAP-8977  (NP)

  TITLE: FAILURE MODE AND EFFECTS ANALYSIS OF THE ECCS FOR A WESTINGHOUSE TYPE 312, 3-LOOP PWR

REQ                          REVIEW                    REV    TAC      SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG   REQUESTER              BRANCH   REVIEWER         INIT   NUMBER   DATE      DATE       DATE       REQ DATE   DATE

LWR1  KINTNER                RSB      GUTTMANN         JZG    04838    02-08-78
                             RSB      SHERON           BWS
                             SSPB     BERGGREN         JXB

  REMARKS: RECD ADD'L INFO DATED 7/21/78 (TRANSMITTED 6/22/79)
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  RI SYM: WCAP-8978  (NP)                SUBMIT DATE: 11-28-77   CONCLUSION: WITHDRAWN     LETTER TO IND ORG: 05-31-78
  TAC #: 04773
  TITLE: CHEMICAL/VOLUME CONTROL SYSTEM--SYSTEM DESCRIPTION, FAILURE MODE AND EFFECTS ANALYSES

  REMARKS: REQUESTED ADDL INFO 5/3/78; WITHDRAWM BY WESTINGHOUSE LETTER DATED 5/31/78.
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  RI SYM: WCAP-8986  (NP)                SUBMIT DATE: 03-24-77   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 04-12-79
  TAC #: 04552
  TITLE: PERTURBATION TECHNIQUE FOR CALCULATING ECCS COOLING PERFORMANCE

  REMARKS: PRINCIPLE ACCEPTED; VALIDITY OF TABLE 1, FIG. 1 & FIG. 2 NOT ACCEPTED.
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   RI SYM: WCAP-8992  (NP)

  TITLE: EVAL. OF THE WESTINGHOUSE LEADING EDGE FLOW METER MEASUREMENT SYSTEM IN THE NSSS FEEDWATER SYSTEM APPLICATION

REQ                          REVIEW                    REV    TAC      SUBMIT    REQ TARG   EST COMP   ADD INFO   REV COMP
ORG   REQUESTER              BRANCH   REVIEWER         INIT   NUMBER   DATE      DATE       DATE       REQ DATE   DATE

LWR1  KINTNER                SSPB     BERGGREN         JXB    04881    03-16-78
                             RSB      HODGES           MWH

  REMARKS:
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  RI SYM: WCAP-9004  (P), WCAP-7836  (NP)        SUBMIT DATE: 03-25-69   CONCLUSION: WITHDRAWN     LETTER TO IND ORG: 01-19-76
  TAC #: 00272
  TITLE: INLET ORIFICING OF OPEN PWR CORES

  REMARKS: WESTINGHOUSE LETTER OF 9/26/75 STATES USE IS NOT ANTICIPATED; WITHHOLDING APPVD 11/9/77
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  RI SYM: WCAP-9012  (P), WCAP-7778  (NP)        SUBMIT DATE: 01-00-70   CONCLUSION: ACCEPTED      LETTER TO IND ORG: 12-17-73
  TAC #: 00210
  TITLE: SOLID STATE ROD CONTROL SYSTEM-FULL LENGTH

  REMARKS: ACCEPTED FOR DESCRIPTION ONLY; SAFETY IMPLICATION OF MALFUNCTIONS REQD IN SAR; WITHHOLDING APPVD 12/23/71
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| INDUSTRY ORGANIZATION: WESTINGHOUSE |

RI SYM: WCAP-9105 (P), WCAP-9106 (NP) SUBMIT DATE: 07-21-77 CONCLUSION: ACCEPTED LETTER TO IND ORG: 03-30-78
TAC #: 04649
TITLE: AXIAL POWER DISTRIBUTION MONITORING USING FOUR-SECTION EX-CORE DETECTORS

REMARKS: WITHHOLDING APPVD 10/12/77; ACCEPTABLE FOR CALCULATION TECHNIQUE; UNCERTAINTY FACTOR REQUIRES JUSTIFICATION.

RI SYM: WCAP-9153 (P), WCAP-9154 (NP)

TITLE: RESAR 414 INTEGRATED PROTECTION SYSTEM PROTOTYPE VERIFICATION PROGRAM

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L L KINTNER	SSPB	BERGGREN	JXB	04687	09-12-77			01-01-80	

REMARKS: ICB HAS LEAD; REQUESTED ADDL INFO 4/11/79 PER NUREG-0493.

RI SYM: WCAP-9157 (P), WCAP-9211 (NP)

TITLE: ENVIRONMENTAL QUALIFICATION OF SAFETY RELATED CLASS IE PROCESS INSTRUMENTATION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB	BERGGREN	JXB	04784	12-16-77			01-30-80	

REMARKS: RECEIVED ADDITIONAL INFORMATION DATE FEBRUARY 14, 1980.

RI SYM: WCAP-9166 (P), WCAP-9167 (NP)

TITLE: WESTINGHOUSE ECCS MODEL FOR ANALYZING LARGE LOCAS DURING OPER. W/LOOP OUT OF SERV. FOR PLANTS WITHOUT LOOP ISOL. VALVES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB RSB	BERGGREN GUTTMANN	JXB JZG	04878	03-06-78				

REMARKS: REC'D ADDL INFO DATED 11/01/78; WITHHOLDING APPVD 8/13/79.

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                    | INDUSTRY ORGANIZATION: WESTINGHOUSE     |
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   RI SYM: WCAP-9168  (P), WCAP-9150  (NP)

  TITLE: WESTINGHOUSE ECCS EVALUATION MODEL--MODIFIED OCTOBER 1975 VERSION

REQ                           REVIEW                    REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH    REVIEWER        INIT   NUMBER    DATE       DATE        DATE        REQ DATE    DATE

LWR1   L L KINTNER            SSPB      BERGGREN        JXB    04702     09-27-77

  REMARKS: WITHHOLDING APPVD 12/21/77.
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   RI SYM: WCAP-9172  (P), WCAP-9264  (NP)

  TITLE: N-16 TRANSIT TIME FLOW MEASUREMENT SYSTEM (TTFM) DESCRIPTION AND PERFORMANCE

REQ                           REVIEW                    REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH    REVIEWER        INIT   NUMBER    DATE       DATE        DATE        REQ DATE    DATE

LWR1   L KINTNER              CPB       HOLONICH        JBH    04849     02-28-78
                              SSPB      BERGGREN        JXB                                     09-30-81

  REMARKS: AB HAS LEAD; WESTINGHOUSE LETTER DATED 6/22/78 REQUESTED WITHDRAWAL.
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   RI SYM: WCAP-9179  (P), WCAP-9224  (NP)

  TITLE: PROPERTIES OF FUEL AND CORE COMPONENT MATERIALS

REQ                           REVIEW                    REV    TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH    REVIEWER        INIT   NUMBER    DATE       DATE        DATE        REQ DATE    DATE

LWR1   L L KINTNER            CPB       POWERS          DAP    04721     12-24-80                           03-06-80
                              CPB       TOKAR           MXT
                              SSPB      BERGGREN        JXB                                     09-30-81

  REMARKS: REC'D APPEND A&B TO BOTH WCAP 9179 & 9224 REC'D ADDITIONAL INFORMATION DATED 3/31/80.
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  RI SYM: WCAP-9180  (P), WCAP-9181  (NP)       SUBMIT DATE: 10-06-77    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 08-09-78
  TAC #: 04715
  TITLE: CONSIDERATION OF UNCERTAINTIES IN SPECIFICATION OF CORE HOT CHANNEL FACTOR LIMITS

  REMARKS: STAFF LETTER DATED 8/9/78 RECOMMENDED CONSIDERATION OF APPENDIX K RULE CHANGE.
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  RI SYM: WCAP-9190  (P), WCAP-9191  (NP)       SUBMIT DATE: 01-31-78    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 01-23-79
  TAC #: 04812
  TITLE: N-16 POWER MEASURING SYSTEM

  REMARKS: ACCURACY OF PRODUCTION UNIT MUST BE ASSESSED FOR LEAD PLANT.
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                                       | INDUSTRY ORGANIZATION: WESTINGHOUSE                |
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   RI SYM: WCAP-9198  (NP)

  TITLE: REACTOR VESSEL HEAD DROP ANALYSIS

REQ                      REVIEW                 REV   TAC      SUBMIT   REQ TARG  EST COMP  ADD INFO  REV COMP
ORG   REQUESTER          BRANCH  REVIEWER       INIT  NUMBER    DATE      DATE      DATE    REQ DATE    DATE

LWR2  KINTNER            SSPB    BERGGREN       JXB    04884  01-23-78
                         ASB     PARR           ODP                                                   07-17-81

  REMARKS: ASB HAS LEAD
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  RI SYM: WCAP-9217  (P), WCAP-9218  (NP)         SUBMIT DATE: 12-30-77    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 06-09-78
  TAC #: 04785
  TITLE: RESULTS OF THE CONTROL ROD WORTH PROGRAM

  REMARKS: WITHHOLDING APPVD 2/28/78; 7% UNCERTAINTY ALLOWANCE ACCEPTABLE FOR AG-IN-CD RODS ONLY.
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  RI SYM: WCAP-9220  (P), WCAP-9221  (NP)         SUBMIT DATE: 03-03-78    CONCLUSION: ACCEPTED        LETTER TO IND ORG: 08-29-78
  TAC #: 04850
  TITLE: WESTINGHOUSE ECCS EVALUATION MODEL FEBRUARY 1978 VERSION

  REMARKS: TO BE UPDTD TO 1981 VERSION PER PROPOSAL NS TMA 2448 ACCEPTED 12/1/81
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   RI SYM: WCAP-9222  (P), WCAP-9223  (NP)

  TITLE: WESTINGHOUSE EMERGENCY CORE COOLING SYSTEM SMALL BREAK FEB. 1978 EVALUATION MODEL

REQ                      REVIEW                 REV   TAC      SUBMIT   REQ TARG  EST COMP  ADD INFO  REV COMP
ORG   REQUESTER          BRANCH  REVIEWER       INIT  NUMBER    DATE      DATE      DATE    REQ DATE    DATE

LWR1  KINTNER            RSB     LAUBEN         NGL    04851  03-10-78  03-15-79
                         SSPB    BERGGREN       JXB

  REMARKS: WITHHOLDING APPROVED 8/13/79.
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RI SYM: WCAP-9226 (P), WCAP-9227 (NP)

TITLE: REACTOR CORE RESPONSE TO EXCESSIVE SECONDARY STEAM RELEASES REV 1

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L. L. KINTNER	RSB	GUTTMANN	JZG	04814	02-01-78	01-30-79			
		CPB	BALUKJIAN	HYB						
		RSB	ORR	XFO						
		CPB	TOKAR	MXT						
		SSPB	BERGGREN	JXB						

REMARKS: AB HAS LEAD; WCAP-9226 REV. 1 SUPERSEDES WCAP-9226; REC'D ADD'L INFO DATED 5/7/79.

RI SYM: WCAP-9230 (P), WCAP-9231 (NP)

TITLE: REPORT ON THE CONSEQUENCES OF A POSTULATED MAIN FEEDLINE RUPTURE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB	BERGGREN	JXB	04800	01-27-78	03-31-79			
		RSB	GUTTMANN	JZG						
		RSB	ORR	XFO						

REMARKS: AB HAS LEAD; QUESTIONS FROM LOIS 5/6/80 TRANSMITTED 5/8/80. REC'D RESP TO QUES 8/15/80

RI SYM: WCAP-9232 (P), WCAP-9233 (NP)

TITLE: HIGH PRESSURE WATER HAMMER TEST PROGRAM FOR THE SPLIT FLOW PREHEAT STEAM GENERATOR

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	L KINTNER	CMEB	BENAROYA	VXB	04839	02-27-78				01-02-80

REMARKS: ASB HAS LEAD; REC'D ADDL INFO DATED 3/30/78, 6/20/78, 9/28/78; REVIEW CONTRACTED TO BROOKHAVEN NAT'L LAB.

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                              | INDUSTRY ORGANIZATION: WESTINGHOUSE                      |
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  RI SYM: WCAP-9236  (P), WCAP-9237  (NP)

 TITLE: NOTRUMP - A NODAL TRANSIENT STEAM GENERATOR AND GENERAL NETWORK CODE

REQ                                REVIEW                    REV    TAC      SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER                   BRANCH   REVIEWER         INIT   NUMBER   DATE       DATE       DATE       REQ DATE   DATE

LWR1   KINTNER                     SSPB     BERGGREN         JXB    04842    02-15-78

 REMARKS:
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  RI SYM: WCAP-9272  (P), WCAP-9273  (NP)

 TITLE: RELOAD SAFETY EVALUATION METHODOLOGY

REQ                                REVIEW                    REV    TAC      SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER                   BRANCH   REVIEWER         INIT   NUMBER   DATE       DATE       DATE       REQ DATE   DATE

ORB1   SCHWENCER                   CPB      MEYER            ROM    07456    03-22-78
                                   ASB      LOBEL            RML                                                         05-16-80
                                   SSPB     BERGGREN         JXB

 REMARKS: ADDITIONAL INFO REC'D ON 1/17/79, 4/5/79.
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  RI SYM: WCAP-9279  (NP)

 TITLE: COMBINATION OF SAFE SHUTDOWN EARTHQUAKE & LOSS-OF-COOLANT ACCIDENT RESPONSE FOR FAULTED CONDITION EVALUATION.

REQ                                REVIEW                    REV    TAC      SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER                   BRANCH   REVIEWER         INIT   NUMBER   DATE       DATE       DATE       REQ DATE   DATE

LWR1   L KINTNER                   SSPB     BERGGREN         JXB    04857    03-21-78

 REMARKS: MEB HAS LEAD; REVIEW DEFERRED UNTIL COMPLETION OF GENERIC REVIEW BY DSSR (RESEARCH).
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  RI SYM: WCAP-9280  (P), WCAP-9281  (NP)

 TITLE: WESTINGHOUSE ECCS MODEL FOR ANALYZING SMALL LOCAS DURING OPER. W/LOOP OUT OF SERV. FOR PLANTS WITHOUT LOOP ISOL. VALVES

REQ                                REVIEW                    REV    TAC      SUBMIT     REQ TARG   EST COMP   ADD INFO   REV COMP
ORG    REQUESTER                   BRANCH   REVIEWER         INIT   NUMBER   DATE       DATE       DATE       REQ DATE   DATE

LWR1   KINTNER                     RSB      GUTTMANN         JZG    04879    03-10-78
                                   SSPB     BERGGREN         JXB

 REMARKS: WITHHOLDING APPROVED 8/13/79
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RI SYM: WCAP-9283 (NP)

TITLE: INTEGRITY OF THE PRIMARY PIPING SYSTEMS OF WESTINGHOUSE NUCLEAR PLANTS DURING POSTULATED SEISMIC EVENTS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB	BERGGREN	JXB	04883	03-21-78				
		MTEB	HAZELTON	WSH						

REMARKS: MTEB HAS LEAD.

RI SYM: WCAP-9289 (NP)

TITLE: INTEGRATED VESSEL HEAD PACKAGE FOR ONE-LIFT OPERATION

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB	BERGGREN	JXB	04877	03-16-78				
		ASB	PARR	ODP						07-17-81

REMARKS:

RI SYM: WCAP-9292 (NP)

TITLE: DYNAMIC FRACTURE TOUGHNESS OF ASME SA508 CLASS 2A ASME SA533 GRADE A CLASS 2 BASE & HEAT AFFECTED ZONE AND WELD METAL

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	KINTNER	SSPB	BERGGREN	JXB	04882	03-17-78			07-25-79	

REMARKS: MTEB HAS LEAD; REC'D RESPONSE 9/18/80 TO NRC 7/25/79 REQ FOR INFO.

RI SYM: WCAP-9398 (NP)

TITLE: WESTINGHOUSE STEAM GENERATOR RETUBIND & REFURBISHMENT - TOPICAL REPORT

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
ORB1	NEIGHBORS	SSPB	BERGGREN	JXB	11430					

REMARKS:

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                              T O P I C A L   R E P O R T   S T A T U S

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                         | INDUSTRY ORGANIZATION: WESTINGHOUSE                        |
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  RI SYM: WCAP-9401  (P), WCAP-9402  (NP)        SUBMIT DATE: 03-02-81    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-07-81
  TAC #: 05176
  TITLE: VERIFICATION TESTING AND ANALYSES OF THE 17X17 OPTIMIZED FUEL ASSEMBLY

  REMARKS: ACCEPTED VERSIONS DATED 8/00/81
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  RI SYM: WCAP-9404  (P), WCAP-9405  (NP)        SUBMIT DATE: 07-11-79    CONCLUSION: WITHDRAWN      LETTER TO IND ORG: 07-11-79
  TAC #: 05229
  TITLE: STUDY OF REACTOR VESSEL UPPER HEAD REGION FLUID TEMPERATURE

  REMARKS: NOT FOR ACCEPTANCE FOR REFERENCING. SUBMITTED FOR INFORMATION IN RESPONSE TO NRC QUESTIONS
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  RI SYM: WCAP-9485  (P), WCAP-9486  (NP)        SUBMIT DATE: 04-06-79    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 09-12-79
  TAC #: 05189
  TITLE: PALADON WESTINGHOUSE NODAL COMPUTER CODE

  REMARKS: FEE PAID 2/5/80; APPROVED REPTS RECD 12/3/79; NOT QUALIFIED FOR POWER DISTRIBUTION NOR XENON TRANSIENTS
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   RI SYM: WCAP-9485(P)  (P), WCAP-9486(NP)  (NP)

  TITLE: TR" PALADON- WESTINGHOUSE NODAL COMPUTER CODE" SUPPLEMENT 1

REQ                           REVIEW                      REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH   REVIEWER           INIT    NUMBER     DATE        DATE        DATE      REQ DATE      DATE

SSPB   BERGGREN               SSPB     BERGGREN           JXB     47441    12-01-81

  REMARKS:
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  RI SYM: WCAP-9500  (NP)                        SUBMIT DATE: 07-30-79    CONCLUSION: ACCEPTED       LETTER TO IND ORG: 05-22-81
  TAC #: 05254
  TITLE: WCAP-9500REFERENCE CORE REPORT 17 X 17 OPTIMIZED FUEL ASSEMBLY

  REMARKS: RESPONSES TO QUESTIONS ARE PROPRIETARY.
-----------------------------------------------------------------------------------------------------------------

   RI SYM: WCAP-9528  (P), WCAP-9529  (NP)

  TITLE: ECCS EVALUATION MODEL FOR WESTINGHOUSE FUEL RELOADS OF COMBUSTION ENGINEERING NSSS, JUNE 79 VERSION

REQ                           REVIEW                      REV     TAC       SUBMIT     REQ TARG    EST COMP    ADD INFO    REV COMP
ORG    REQUESTER              BRANCH   REVIEWER           INIT    NUMBER     DATE        DATE        DATE      REQ DATE      DATE

LWR1   BERGGREN               RSB      LAUBEN             NGL     05209    08-15-80                            07-28-80
                              SSPB     BERGGREN           JXB

  REMARKS: REC'D RESPONSE TO 7/28/80 QUESTIONS ON 8/15/80
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TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: WESTINGHOUSE |

RI SYM: WCAP-9561(P) (P), WCAP-9561(NP) (NP)

TITLE: A COMPUTER CODE FOR THE BEST ESTIMATE ANALYSIS OF REFLOOD TRANSIENTS

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
LWR1	BERGGREN	RSB	LAUBEN	NGL	05425	01-15-80				
		SSPB	BERGGREN	JXB						
		CPB	SUN	SES						

REMARKS: REC'D RESPONSE TO REQ FOR ADD'L INFO 8/15/80

RI SYM: WCAP-9725 (P), WCAP-9726 (NP)

TITLE: TR-WESTINGHOUSE TECHNICAL SUPPORT COMPLEX

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	42328	06-13-80				

REMARKS: REVIEW, COMMENT, QUESTION & PREPARE SPER

RI SYM: WCAP-9739(P) (P), WCAP-9740 (NP)

TITLE: TR "SUMMARY OF THE WESTINGHOUSE INTEGRATED PROTECTION SYSTEM VERIFICATION & VALIDATION PROGRAM."

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43854	09-16-80				

REMARKS: REVIEW, COMMENT & PREPARE SER

RI SYM: WCAP-9753 (P), WCAP-9754 (NP)

TITLE: INADEQUATE CORE COOLING STUDIES OF SCENARIOS WITH FEEDWATER AVAILABLE USING THE NOTRUMP COMPUTER CODE

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	42296	07-11-80				
		CPB	PHILLIPS	LEP						

REMARKS: REVIEW, COMMENT & PREPARE SPER WCAP 9744 SUPPORTS THIS REVIEW

INDUSTRY ORGANIZATION: WESTINGHOUSE

RI SYM: WCAP-9762 (P), WCAP-9763 (NP)

TITLE: INADEQUATE CORE COOLING STUDIES OF SCENARIOS WITH FEEDWTR AVAILABLE FOR UHI PLANTS USING NOTRUMP CODES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	43329	11-17-80				

REMARKS: REQUIRED BY TASK ACTION PLAN I.C 1 REVIEW, COMMENT, AND PREPARE SER

RI SYM: WCAP-9863 (P), WCAP-9864 (NP)

TITLE: TR "ROD BANK WORTH MEASUREMENTS UTILIZING BANK EXCHANGE" PART 2 (PARTS 1&3 TO COME LATER)

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB CPB	BERGGREN CHATTERTON	JXB MSC	43488	01-20-81	09-30-81			

REMARKS: REVIEW, COMMENT & PREPARE PARTIAL SER COVERING PART 2 OF RPT

RI SYM: WCAP-9944 (P), WCAP-9945 (NP)

TITLE: VERIFICATION OF UPPER HEAD INJECTION REACTOR VESSEL BY PREOPERATIONAL TESTS ON SEQUOYAH 1 POWER PLANT

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	47341	10-26-81				

REMARKS: REVIEW, COMMENT & PREPARE SER

TOPICAL REPORT STATUS

| INDUSTRY ORGANIZATION: WESTINGHOUSE STEAM TURBINE-GENERATOR|

RI SYM: WSTG-1 (P), WSTG-1 (NP)

TITLE: TR PROCEDURES FOR EST THE PROB OF STEAM TURB DISC RUPT FRM STRESS CORR CRACKING

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	46502	06-10-81				

REMARKS:

RI SYM: WSTG-2 (P), WSTG-2 (NP)

TITLE: TR MISSILE ENERGY ANALYSIS METHODS FOR NUCLEAR STEAM TURBINES

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
SSPB	BERGGREN	SSPB	BERGGREN	JXB	46501	06-10-81				

REMARKS: REVIEW COMMENT & PREPARE SER

TOPICAL REPORT STATUS

RI SYM: YOQAP-1 (NP)

TITLE: YANKEE ATOMIC ELECTRIC CO -- OPERATION QUALITY ASSURANCE PROGRAM - REV 10

REQ ORG	REQUESTER	REVIEW BRANCH	REVIEWER	REV INIT	TAC NUMBER	SUBMIT DATE	REQ TARG DATE	EST COMP DATE	ADD INFO REQ DATE	REV COMP DATE
QAB	HAASS	QAB	CONWAY	JTC	09025	03-09-81		04-02-82		
		QAB	GILRAY	JWG						

REMARKS:

BEST DOCUMENT AVAILABLE

NRC FORM 335
(7-77)

U.S. NUCLEAR REGULATORY COMMISSION

BIBLIOGRAPHIC DATA SHEET

1. REPORT NUMBER *(Assigned by DDC)*
NUREG-0390, Vol. 6, No. 1

4. TITLE AND SUBTITLE *(Add Volume No., if appropriate)*
Topical Report Review Status

2. *(Leave blank)*

3. RECIPIENT'S ACCESSION NO.

7. AUTHOR(S)

5. DATE REPORT COMPLETED

MONTH	YEAR
January	1982

9. PERFORMING ORGANIZATION NAME AND MAILING ADDRESS *(Include Zip Code)*

U.S. Nuclear Regulatory Commission
Office of Management and Program Analysis
Washington, D.C. 20555

DATE REPORT ISSUED

MONTH	YEAR
January	1982

6. *(Leave blank)*

8. *(Leave blank)*

12. SPONSORING ORGANIZATION NAME AND MAILING ADDRESS *(Include Zip Code)*

U.S. Nuclear Regulatory Commission
Office of Management and Program Analysis
Washington, D.C. 20555

10. PROJECT/TASK/WORK UNIT NO.

11. CONTRACT NO.

13. TYPE OF REPORT
Bi-Annual

PERIOD COVERED *(Inclusive dates)*
July 15, 1981 - January 20, 1982

15. SUPPLEMENTARY NOTES

14. *(Leave blank)*

16. ABSTRACT *(200 words or less)*

The primary purpose of this document is to provide periodic progress reports of on-going topical report reviews, to identify those topical reports for which the Nuclear Regulatory Commission (NRC) staff review has been completed and, to the extent practicable, to provide NRC management with sufficient information regarding the conduct of the topical report program to permit taking whatever actions deemed necessary or appropriate.

17. KEY WORDS AND DOCUMENT ANALYSIS

17a. DESCRIPTORS

17b. IDENTIFIERS/OPEN-ENDED TERMS

18. AVAILABILITY STATEMENT
Unlimited

19. SECURITY CLASS *(This report)*
Unclassified

21. NO. OF PAGES

20. SECURITY CLASS *(This page)*
Unclassified

22. PRICE
$

NRC FORM 335 (7-77)

☆ U.S. GOVERNMENT PRINTING OFFICE: 1982-0-361-302/504

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